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No. 37] NEW DELHI, SATURDAY, SEPTEMBER 11—SEPTEMBER 17, 2004 (BHADRA 20, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Kolkata, the 11th September 2004

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Territories of Daman and
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Union Territory of Chandigarh.

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2587 1257, 2587 1258.
Fax No. (011) 2587 1256.
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,
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The States of Andhra Pradesh,
Karnataka, Kerala, Tamil Nadu and
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Telegraphic Address "PATENTOFFIC"
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Fax Nos. (044) 2431 4750/4751.
E-mail. patentchennai@vsnl.net

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
Kolkata-700 020.

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Phone Nos. (033) 2247 4401/4402/4403.

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E-mail. patentin@vsnl.com
patindia@giascl01.vsnl.net.in

Website : http://www.Ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by The Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अधिकल्प

कोलकाता, दिनांक 11 सितम्बर 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्पाउंड,
लोअर परेल (वेस्ट),
मुम्बई - 400 013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं
संघ शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता : "पेटेंटोफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,
इक्यू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 003।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिस"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,

2586 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,
गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिव द्वीप।
तार पता - "पेटेंटोफिस"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6वां व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giascl01.vsnl.net.in

वेब साइट : http://www.Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

Application for the patent filed at The Patent Office, Kolkata.

04/08/2004

New Application No	Applicant Details
462/KOL/2004	ARNAB BANERJEE ; West Bengal, India; "PORTABLE MICRO PROJECTOR AND MICROSCOPE."
463/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY , ; West Bengal, India; "SYSTEM FOR AN INTUITIVE, CUSTOMIZABLE, MULTILINGUAL AND RECONFIGURE ABLE AUGMENTATIVE COMMUNICATION."
464/KOL/2004	MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG. ; , 22/08/2003, Europe; "AGITATOR MILL"
465/KOL/2004	WYETH HOLDINGS CORPORATION.; , 10/11/2000. 18/10/2001. , United States of America; "A PROCESS FOR THE MANUFACTURE OF ANTIGENIC COMPOSITION."

05/08/2004

New Application No	Applicant Details
466/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "RECOVERY OF UNBURBND CARBON FROM FLY ASH BY FROTH FLOTATION."
467/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "A METHOD FOR PRODUCING FORMABLE COLD ROLLED STEEL SHEETS WITH LOW PLANAR ANISOTROPY."

06/08/2004

New Application No	Applicant Details
468/KOL/2004	DYSTAR TEXILFARBEN GMBH & CO. DEUTSCHLAND KG.; , 12/09/2003, Great Britain; "HIGH LIGHT FASTNESS REACTIVE RED DYES."

09/08/2004

New Application No	Applicant Details
469/KOL/2004	1)DR.SUBRATA PAL 2) DR.BISWAJIT KUMAR BISWAS 3) DR. TAMAL KANTI PAL.; , West Bengal, India; "AN IMPROVED METALLIC TOOTH IMPLANT."
470/KOL/2004	GULATI RAJEET SINGH.; West Bengal, India; "SURFACE MOUNTABLE HOLDER -CUM-GUARD FOR COMMON CONSUMER ARTICLES."
471/KOL/2004	CISA S.P.A.; , 10/10/2003, Italy; "SAFETY LOCK WITH FRONT COUPLING FOR SLIDING DOORS."
472/KOL/2004	SAMSUNG ELECTRONICS CO. LTD.; , 29/08/2003, Korea; "MOBILE COMMUNICATION TERMINAL AND METHOD FOR ONE TOUCH MESSAGE TRANSMISSION."
473/KOL/2004	LIFESCAN INC.; , 13/08/2003, United States of America; "PACKAGED MEDICAL DEVICE WITH A DEPLOYABLE DERMAL TISSUE PENETRATION MEMBER."

10/08/2004

New Application No	Applicant Details
474/KOL/2004	BORGWARNER INC.; , 23/10/2003, United States of America; "COMPLIANT CHAIN GUIDE WITH BLADE SPRING."
475/KOL/2004	CLARIANT GMBH; , 06/10/1997, 07/02/1998 04/09/1998, Germany; "USE OF PIGMENT YELLOW 155 IN ELECTROPHOTOGRAPHIC TONERS AND DEVELOPERS, POWDER COATINGS AND INKJET INKS."

11/08/2004

New Application No	Applicant Details
476/KOL/2004	DEFONTAINE.; , 27/08/2003, France; "SLEWING RING."
477/KOL/2004	FURUKAWA ELECTRIC NORTH AMERICA INC.; , 27/10/2003, United States of America; "FIBER- OPTIC CONNECTORS AND RELATED METHODS."
478/KOL/2004	SAINT-GOBAIN CALMAR INC.; , 13/02/2004, United States of America; "HOSE-END SPRAYER ASSEMBLY"
479/KOL/2004	FCOPERION WERNER & PFLEIDERER GMBH & CO. KG.; , 22/08/2003, Europe; "SCREW-TYPE EXTRUDING MACHINE COMPRISING MIXING AND KNEADING DISKS"
480/KOL/2004	THE TATA IRON AND STEEL COMPANY LIMITED.; Jharkhand, India; "A DEVICE FOR MONITORING THE FLAME INTENSITY INSIDE THE BLAST FURNACE THROUGH TUYERES ."

12/08/2004

New Application No	Applicant Details
481/KOL/2004	ANISHA ENTERPRISE; West Bengal, India; "SWITCHING MODULES."
482/KOL/2004	LALIT MAHAJAN ; West Bengal, India; "FLUID FLOW CONTROL DEVICE."

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01413/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/EP01/04357) Application:

(54) Title of the invention: **IMIDAZOPYRIMIDINE DERIVATIVES AND
TRIAZOLOPYRIMIDINE DERIVATIVES**

(51) International classification: C07D 487/04

(30) Priority Data :

(31) Document No.: 128870-2000

(32) Date : 28/04/2000

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BAYER AKTIENGESELLSCHAFT

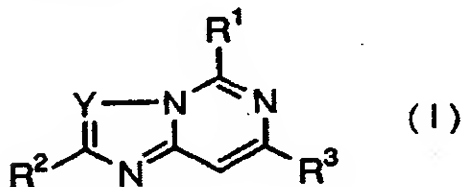
Address of the Applicant:

51368 LEVERKUSEN

(72) Name of the Inventors:

- 1) YURA TAKESHI
- 2) CONCEPCION ARNEL B.
- 3) HAN GYOONHEE
- 4) HIRAOKA MAKIKO
- 5) KATSUMATA HIROKO
- 6) KAWAMURA NORIHIRO
- 7) KOKUBO TOSHIO
- 8) KOMURA HIROSHI
- 9) LI YINGFU
- 10) LOWINGER TIMOTHY B.
- 11) MOGI MUNETO
- 12) YAMAMOTO NORIYUKI
- 13) YOSHIDA NEGAHIRO

(57) Abstract :



A compound of the formula (I) wherein R^1 is $-X-R^4$, an optionally substituted heterocyclic residue, an optionally substituted carbocyclic residue or optionally substituted condensed ring moiety; X is CR^5R^6 , O, S, SO, SO_2 or NR^7 ; Y is CH or N; R^2 is H, an optionally substituted C_1 - C_{10} alkyl, etc.; R^3 is an optionally substituted aryl, or an optionally substituted heteroaryl, etc.; R^4 is an optionally substituted aryl, an optionally substituted heteroaryl, etc.; R^5 , R^6 , and R^7 can be identical or different and represent H, an optionally substituted C_1 - C_{10} alkyl, etc. The compound has an excellent anti-allergic activity and the like.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

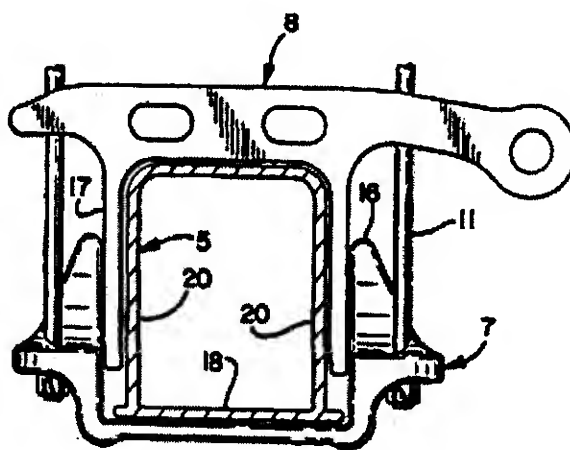
- (21) Application IN/PCT/2002/01414/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/US01/40544) Application:
- (54) Title of the invention: AXLE CLAMP ATTACHMENT SYSTEM

<p>(51) International classification: B60G 11/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/551,901</p> <p>(32) Date : 19/04/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>THE BOLER COMPANY</p> <p>Address of the Applicant:</p> <p>500 PARK BOULEVARD ITASCA, IL 60143</p> <p>(72) Name of the Inventors:</p> <p>1) DUDDING ASHLEY 2) MILLER LAWRENCE</p>
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(57) Abstract :

The invention relates to suspensions for trucks and trailers and to systems for clamping an axle housing to a combination suspension support member and spring in such a way that the axle housing is clamped and compressed uniformly on all four sides whereby there is no appreciable tendency for the axle housing to collapse or become deformed so as to require frequent retorquing of the clamping bolts. The system as shown in figure 10 uses interfitting bottom (7) and top (8) axle housing wraps. The bottom axle wrap (7) has upwardly extending sides (16) engaging opposite sides of the axle housing either directly or against interfitting downward extensions (17) on the top axle housing wrap (8). Vertical clamping bolts (11) cause the upwardly extending sides (16) on the bottom wrap (7) to press inwardly against the sides of the axle housing (5).

Figure: 10



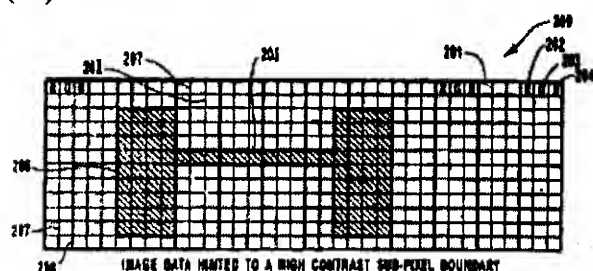
Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01415/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/US01/11489) Application:

(54) Title of the invention: **AUTOMATIC OPTIMIZATION OF THE POSITION OF STEMS OF TEXT CHARACTERS**

<p>(51) International classification: G09G 5/28</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/546,139</p> <p>(32) Date : 10/04/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>MICROSOFT CORPORATION</p> <p>Address of the Applicant:</p> <p>ONE MICROSOFT WAY, REDMOND, WA 98052-6399</p> <p>(72) Name of the Inventors:</p> <p>1) STAMM BEAT 2) HITCHCOCK GREGORY C. 3) BETRISEY CLAUDE 4) CONWAY MATT</p>
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(57) Abstract :

The present invention provides for automatic placement of typographical features such as vertical stems or horizontal segments of a character (205) on high contrast pixel sub-component boundaries as part of a rendering process that uses separately controllable pixel sub-components (202, 203, 204) of pixels to represent different portions of the character (205). In order to identify the typographical features of the

character (205) that are to be aligned with high contrast pixel sub-component boundaries, topology of the character is analyzed at runtime. In display devices having vertical stripes of same-colored pixel sub-components (202, 203, 204), it has been found that character legibility is increased when the left edges of stems (206) are aligned with high contrast boundaries (208) between pixel sub-components. Processing time and resources are conserved by performing a partial, rather than a full, topological analysis of the character. For example, some font files include data structures that define the position of key control points associated with the character, thereby indicating where the stems or other typographical features are located, and the relationship between different typographical features.

Figure: 4C

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01416/MUM A (22) Date of filing of Application: 14/10/2002
(PCT/EP01/06097)

(54) Title of the invention: **PREPARATION OF A STABLE COMPOSITION OF RADICALLY COPOLYMERISABLE MONOMERS WHICH CONTAINS AT LEAST ONE MONOMER HAVING UREA FUNCTION (S)**

(51) International classification: C08G 18/50	(71) Name of the Applicant:
(30) Priority Data :	CORNING S.A.
(31) Document No.: 00/06989	Address of the Applicant:
(32) Date : 31/05/2000	7BIS AVENUE DE VALVINS, F-77920
(33) Name of convention country : FRANCE	SAMOIS SUR SEINE
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) BEAR MARIE-MAUD
(62) Filed on : N.A.	2) LAFOSSE XAVIER
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) **Abstract :** The object of the present invention is a method of preparing a stable composition of radically copolymerisable monomers, said composition containing firstly at least one monomer which has at least one urea function in its formula and secondly at least one monomer which does not have an isocyanate function in its formula said method comprising preparing said monomer(s) having urea function(s) by reaction of two types of reagent: at least one radically copolymerisable monomer which has at least one isocyanate function in its formula with at least one amine selected from primary and secondary amines, and incorporating said monomer (s) which does(do) not have an isocyanate function in its(their) formula, prior to said reaction, together with one of said reagents, before adding the other of said reagents, and/or during the addition of said reagents, and/or after said reaction. Characteristically, within the context of said method, said reaction for preparing said monomer(s) having urea function(s) is carried out in the absence of non-radically polymerisable solvent, with said reagents, monomer(s) and amine(s), being incorporated in relative proportions such that the isocyanate equivalent/amine equivalent ratio be between 0.98 and 1.02, and advantageously equal to 1, and said monomer(s) having urea function(s) obtained at the end of said reaction is(are) maintained diluted in the solvent which is constituted of said monomer(s) which does(d0) not have an isocyanate function in its (their) formula, in the presence of dissolved oxygen.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01417/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/US01/15996) Application:

(54) Title of the invention: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

(51) International classification: A61K 38/26	(71) Name of the Applicant:
(30) Priority Data :	BIONEBRASKA INC.
(31) Document No.: 60/205,239	Address of the Applicant:
(32) Date : 19/05/2000	3820 N.W. 46 TH STREET. LINCOLN, NE 68524
(33) Name of convention country : U.S.A.	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) COOLIDGE THOMAS R.
(61) Patent of addition to application No.: NIL	2) EHLERS MARIO
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The invention relates to methods for treating a patient suffering from acute coronary syndrome, but who is not suffering from a Q-wave myocardial infarction, comprising administration of a therapeutically effective amount of a GLP-1 molecule. The GLP-1 can be self-administered, and can be administered in one or more doses, as needed, on an intermittent or continuous basis, to optimize metabolism in cardiac tissue and to prevent cardiac damage associated with is chemia.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01418/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/GB01/01524) Application:

(54) Title of the invention: DISPERSANTS

(51) International classification: B01F 17/00	(71) Name of the Applicant:
(30) Priority Data :	AVECIA LIMITED
(31) Document No.: 0009798.0	Address of the Applicant:
(32) Date : 20/04/2000	HEXAGON HOUSE, BLACKLEY, MANCHESTER M9 8ZS
(33) Name of convention country : GREAT BRITAN	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) THETFORD DEAN
(61) Patent of addition to application No.: NIL	2) SUNDERLAND PATRICK JOHN
(62) Filed on : N.A.	3) ANNABLE TOM
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : Basic and acid dispersants derived from branched alkyl aliphatic acids and alcohols and one or more hydroxy carboxylic acid or lactone to give a polyoxyalkylenecarbonyl chain (POAC) having a terminal carboxylic acid group (TPOAC acid) or terminal hydroxy group (TPOAC alcohol). Preferred basic dispersants are obtained by reacting one or more TPOAC acids with a polyamine or polyimine such as polyethyleneimine and preferred anionic dispersants are prepared by forming a phosphate ester of a TPOAC alcohol.

Figure: NIL

Publication After 18 months

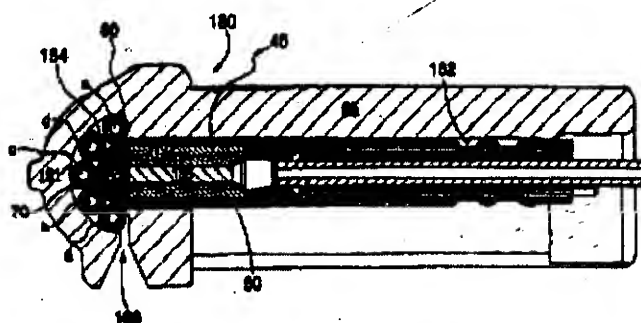
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01419/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/AU01/00480) Application:

(54) Title of the invention: BLAST INITIATION DEVICE

<p>(51) International classification: F42D 1/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/559,662</p> <p>(32) Date : 28/04/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ORICA EXPLOSIVES TECHNOLOGY PTY LTD</p> <p>Address of the Applicant:</p> <p>1 NICHOLSON STREET, MELBOURNE, VICTORIA 3000</p> <p>(72) Name of the Inventors:</p> <p>1) CHAN SEK K. 2) CARRIERF RAYMOND 3) REID JOHN T.</p>
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(57) Abstract :



A detonator device (40) and assembly (180) for initiating a plurality of signal transmission lines (a)-(e) with a pressure impulse. The detonator device comprising a detonator casing (50) having a signal receiving end and a firing end (60). The firing end of the detonator device being substantially shaped to conform with the pressure impulse initiation therein. The firing end has a contact wall (70) of substantially uniform thickness for contacting the plurality of signal transmission lines in a compatible connector element (65) and transmitting a pressure impulse thereto.

Figure: 9

Publication After 18 months

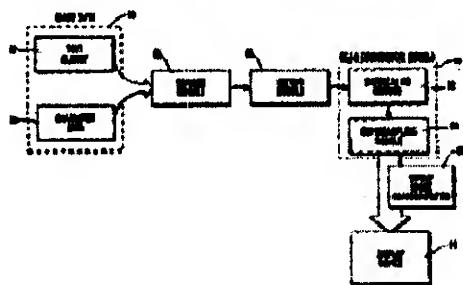
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01420/MUM A (22) Date of filing of 14/10/2002
No.: (PCT/US01/11490) Application:

(54) Title of the Invention: METHODS AND SYSTEMS FOR ASYMMETRIC SUPERSAMPLING
RASTERIZATION OF IMAGE DATA

(51) International classification: G09G 5/28	(71) Name of the Applicant:
(30) Priority Data :	MICROSOFT CORPORATION
(31) Document No.: 09/546,422	Address of the Applicant:
(32) Date : 10/04/2000	ONE MICROSOFT WAY, REDMOND, WA 98052-6399
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) STAMM BEAT
(62) Filed on : N.A.	2) HITCHCOCK GREGORY C.
(63) Divisional to Application No.: NIL	3) BETRISEY CLAUDE
(64) Filed on: N.A.	

(57) Abstract : Methods and systems are disclosed for utilizing an increased number of samples of image data,



coupled with the separately controllable nature of RGB pixel sub-components, to generate images with increased resolution on a display device (98), such as liquid crystal display. The methods include scaling (86), hinting (88), and scan conversion (90) operations. The scaling operation (86) involves scaling the image data by factors of one in the directions perpendicular and parallel to the RGB striping of the display device. Hinting (88) includes placing the scaled image data on a grid that has grid points defined by the positions of the pixels of the display device, and

rounding key points to the nearest full pixel boundary in the direction parallel to the striping and to the nearest fractional increment in the direction perpendicular to the striping. Scan conversion (90) includes scaling the hinted image data by an oversampling factor (92) in the direction perpendicular to the striping. The oversampling factor (92) is equivalent to the denominator of the fraction increments of the grid. Scan conversion (90) also includes generating (94), for each region of the image data, a number of samples that equals the oversampling factor and mapping spatially different sets of the samples to each of the pixel sub-components.

Figure: 5

Publication After 18 months.

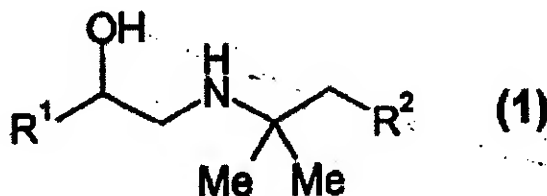
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01422/MUM A (22) Date of filing of 16/10/2002
No.: (PCT/EP01/04278) Application:

(54) Title of the invention: NOVEL, SLOW-ACTING BETAMIMETICS, A METHOD FOR THEIR PRODUCTION AND THEIR USE AS MEDICAMENTS

(51) International classification: C07D 265/36	(71) Name of the Applicant:
(30) Priority Data :	BOEHRINGER INGELHEIM PHARMA KG
(31) Document No.: 1) SP00-3424 2) 100 51 318.2	Address of the Applicant:
(32) Date : 1) 27/04/2000 2) 17/10/2000	55216 INGELHEIM
(33) Name of convention country : 1) ECUADOR 2) GERMANY	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : YES	1) SCHROMM KURT
(61) Patent of addition to application No.: NIL	2) WALLAND ALEXANDER
(62) Filed on : N.A.	3) BOZUNG KARL-HEINZ
(63) Divisional to Application No.: NIL	4) SCHOLLENBERGER HERMANN
(64) Filed on: N.A.	

(57) Abstract :



The invention relates to betamimetics of the general formula (1), wherein R^1 represents a group (a), where R^3 represents benzyl which can optionally be substituted by methoxy, R^4 represents hydrogen, or R^3 and R^4 conjointly represent a $-\text{CO}-\text{CH}_2-\text{O}-$ bridge, whereby the carbonyl group of this bridge is bonded to the nitrogen; R^2 represents a group selected from (b) and (c), whereby R^5 represents dimethylamino, methoxy or butoxy, X represents a nitrogen or a carbon, R^6 represents methoxyphenyl if X is nitrogen, or if X is carbon, an annellated phenyl ring likewise linked to X. The invention also relates to a method for the production of said betamimetics and to their use as medicaments.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01423/MUM A (22) Date of filing of 16/10/2002
No.: (PCT/US01/18619) Application:

(54) Title of the invention: **METHODS FOR REGULATING A CELL-MEDIATED IMMUNE RESPONSE BY BLOCKING LYMPHOCYTIC SIGNALS AND BY BLOCKING LFA-1 MEDIATED ADHESION**

(51) International classification: A61K 38/17	(71) Name of the Applicant:
(30) Priority Data :	BRISTOL-MYERS SQUIBB COMPANY
(31) Document No.: 60/210,671	Address of the Applicant:
(32) Date : 09/06/2000	P.O.BOX 4000, LAWRENCEVILLE- PRINCETON ROAD, PRINCETON, NJ 08543
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : YES	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) TOWNSEND ROBERT M.
(63) Divisional to Application No.: NIL	2) TODDERUD CHARLES GORDON
(64) Filed on: N.A.	3) PEACH ROBERT J.

(57) **Abstract** : The invention provides methods for regulating cell-mediated immune responses, immune system diseases and allograft transplant rejection by interfering with the interaction of at least three different cell surface molecules with their natural ligands. A first cellular interaction is mediated by CD28/B7/CTLA4, a second interaction is mediated by CD40/CD154, and a third interaction is mediated by LFA-1 interaction with its ligands. Regulation of a cell-mediated immune response affects immune system diseases such as those associated with allograft transplantation.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01424/MUM A (22) Date of filing of 16/10/2002
No.: (PCT/EP01/04479) Application:

(54) Title of the invention: **PROTECTION AGAINST ENVIRONMENTAL TOXICITY THROUGH MANIPULATION OF THE PROCESSING OF MESSENGER RNA PRECURSORS**

<p>(51) International classification: C12N 15/82</p> <p>(30) Priority Data :</p> <p>(31) Document No.: P200001102.</p> <p>(32) Date : 19/04/2000</p> <p>(33) Name of convention country : SPAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>UNIVERSIDAD POLITECNICA DE VALENCIA</p> <p>Address of the Applicant:</p> <p>CENTRO DE TRANSFERENCIA DE TECHNOLOGICA-CTT, CAMINO DE VERA S/N, E-46022 VALENCIA</p> <p>Name of the Inventors:</p> <p>(72)</p> <ol style="list-style-type: none"> 1) VICENTE MEANA OSCAR 2) ROLDAN MEDINA MARTA 3) SERRANO SALOM RAMON 4) FORMENT MILLET JOSE JAVIER 5) NARANJO OLIVERO MIGUEL ANGEL
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(57) Abstract : The invention describes the identification of pre-messenger RNA processing as a novel target of environmental stress caused for example by lithium and sodium toxicity. Overexpression of different types of proteins (or protein fragments) from different organisms but all involved in pre-mRNA processing, protects yeast from salt stress, which indicates that any stimulation of this process, independently of its mechanism, may counteract the toxic effects of mineral salts. A similar phenotype of tolerance to NaCl and to LiCl has been observed by overexpression of these types of proteins in transgenic *Arabidopsis* plants, demonstrating the generality of this protective effect in eukaryotic cells and organisms.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01425/MUM A (22) Date of filing of Application: 16/10/2002
(PCT/US02/05244)

(54) Title of the invention: **MULTI-PURPOSE, AUTOMATED BLOOD AND FLUID PROCESSING SYSTEMS AND METHODS**

<p>(51) International classification: A 61M</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/800,129</p> <p>(32) Date : 06/03/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>BAXTER INTERNATIONAL INC.</p> <p>Address of the Applicant:</p> <p>ONE BAXTER PARKWAY, DEERFIELD, IL 60015</p> <p>(72) Name of the Inventors:</p> <p>1) MIN KYUNGYOON 2) BROWN RICHARD 3) VISHNOI ROHIT 4) ARMER ALAN 5) WESTBERG TOM</p>
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(57) Abstract :

Automated systems and method for processing blood and other fluids are disclosed. The system and methods utilize a disposable fluid circuit fig. 1 mounted on a re-usable hardware component or module 12. The system withdraws blood from a donor or patient 100, separates the blood into two or more components and further processes or treats the separated component.

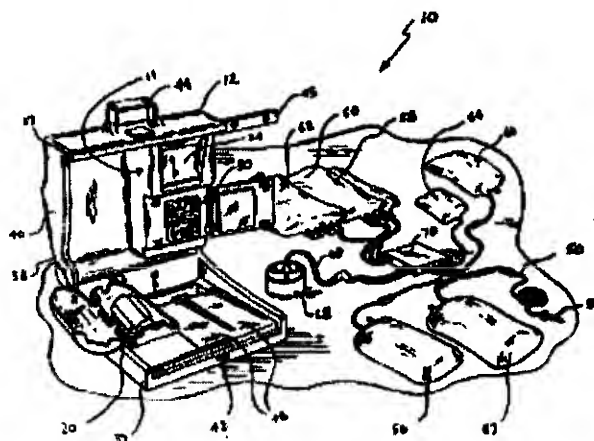


Figure: 2

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01426/MUM A (22) Date of filing of Application: 16/10/2002
(PCT/US02/05241)

(54) Title of the invention: AUTOMATED SYSTEM ADAPTABLE FOR USE WITH DIFFERENT FLUID CIRCUITS

(51) International classification: A 61M

(30) Priority Data :

(31) Document No.: 09/800,206

(32) Date : 06/03/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BAXTER INTERNATIONAL INC.

Address of the Applicant:

ONE BAXTER PARKWAY,
DEERFIELD, IL 60015

(72) Name of the Inventors:

- 1) BROWN RICHARD I.
- 2) MIN KYUNGYOON
- 3) VISHNOI ROHIT
- 4) THOM SANDRA
- 5) FARRELL LIAM
- 6) WESTBERG TOM

(57) Abstract : Automated systems and method for processing blood and other fluids are disclosed. The systems and methods utilize a disposable fluid circuit selected from one of two or more circuits. The circuits are mounted on a re-usable hardware component or module. The system includes a programmable controller including programs for use with the fluid circuits.

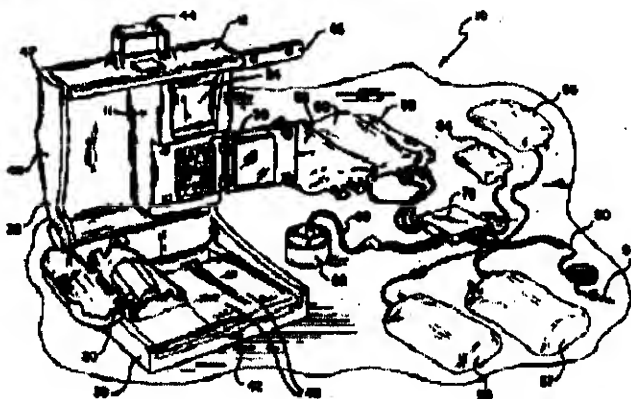


Figure: 2

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01427/MUM A (22) Date of filing of Application: 16/10/2002
(PCT/US02/05242)

(54) Title of the invention: **AUTOMATED SYSTEM AND METHOD FOR PRE-SURGICAL BLOOD DONATION AND FLUID REPLACEMENT**

(51) International classification: A 61M

(30) Priority Data :

(31) Document No.: 09/800,024

(32) Date : 06/03/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BAXTER INTERNATIONAL INC.
Address of the Applicant:

**ONE BAXTER PARKWAY,
DEERFIELD, IL 60015**

(72) Name of the Inventors:

- 1) FARRELL LIAM
- 2) THOM SANDRA
- 3) VISHNOI ROHIT
- 4) BROWN RICHARD I.

(57) Abstract : Automated systems and method for withdrawing and replacing fluids in a patient are disclosed. The system withdraws blood from a donor or patient, separates the blood into two or more components and collects the separated component. A replacement fluid capable of at least partially providing the biological function of the separated component is infused into the patient.

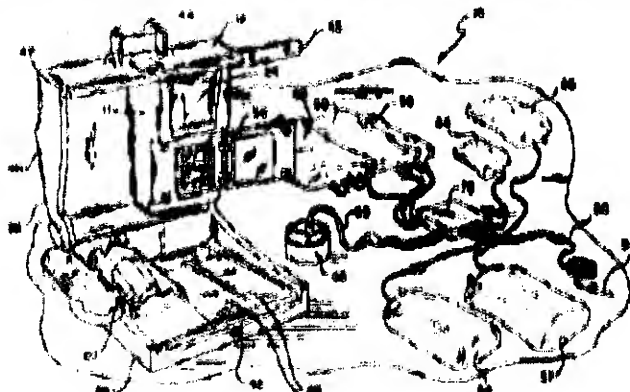


Figure: 2

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- | | | | |
|---|--|-------------------------------------|--|
| (21) Application No.: | IN/PCT/2002/01428/MUM A
(PCT/US02/05243) | (22) Date of filing of Application: | 16/10/2002 |
| (54) Title of the Invention: | AUTOMATED SYSTEM AND METHOD FOR WITHDRAWING COMPOUNDS FROM BLOOD | | |
| (31) International classification: | A 61M 37/00 | (71) Name of the Applicant: | BAXTER INTERNATIONAL INC. |
| (30) Priority Data : | | Address of the Applicant: | ONE BAXTER PARKWAY,
DEERFIELD, IL 60015 |
| (31) Document No.: | 09/800,133 | (72) Name of the Inventors: | 1) VISHNOI ROHIT
2) BROWN RICHARD I.
3) MIN KYUNGYOON
4) WESTBERG TOM |
| (32) Date : | 06/03/2001 | | |
| (33) Name of convention country : | U.S.A. | | |
| (66) Filed U/s. 5(2) : | NO | | |
| (61) Patent of addition to application No.: | NIL | | |
| (62) Filed on : | N.A. | | |
| (63) Divisional to Application No.: | NIL | | |
| (64) Filed on: | N.A. | | |

(57) Abstract : Automated systems (10) and methods for withdrawing and selected compound from blood are disclosed. The systems and methods utilize a disposable fluid circuit (50) mounted on a re-usable hardware component or module (12). The system withdraws blood from a donor or patient, separates the blood into two or more components and further combines the separated component with a solvent so as to remove a compound from the blood component.

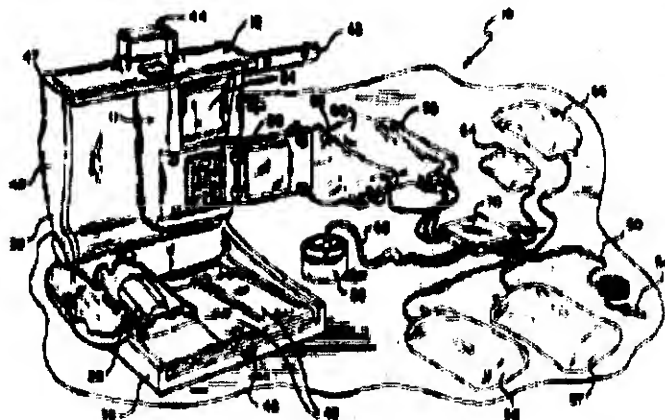


Figure: 2

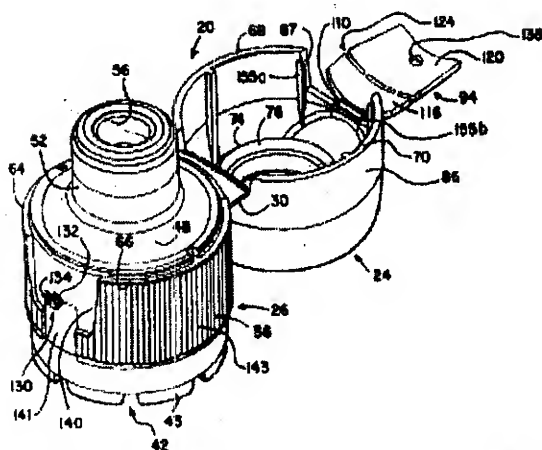
Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01429/MUM A (22) Date of filing of 16/10/2002
No.: (PCT/US01/41025) Application:
- (54) Title of the invention: DISPENSING CLOSURE WITH TAMPER EVIDENT LID PANEL

(51) International classification: B65D 47/10	(71) Name of the Applicant:
(30) Priority Data :	SEAQUIST CLOSURES FOREIGN INC.
(31) Document No.: 09/597,427	Address of the Applicant:
(32) Date : 20/06/2000	475 WEST TERRA COTTA, CRYSTAL LAKE, IL 60014
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	GROSS RICHARD A.
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract :



A closure (20, 20') structure for a container (22) includes a body (26) having a containing wall (36 and 48) for closing the container (22); the containing wall (36 and 48) having a dispensing orifice (56). A lid (24, 24') is operatively associated with the containing wall (36 and 48) to cover the dispensing orifice (56) in a closed position and uncover the dispensing orifice (56) when the lid (24, 24') is moved away from the closed position. In one embodiment, a tamper-indicating member (94, 84') includes a press portion (116) connected by a hinge (110) to the lid (24), and an anchor portion (120) connected to the body (26), the press portion (116) connected at a frangible junction (124) to the anchor portion (120), whereby the press portion (116) can be moved sufficiently relative to the body (26) to

separate the press portion (116) from the anchor portion (120). The anchor portion (120) is connected to the body (26) by an anchor member (130) extending radially from the body (26). The anchor portion (120) includes an aperture (138). The body anchor member (130) includes a radially extending head (134) which captures the aperture (138) when the anchor portion (120) is pressed to the body (26). The head (134) can be flattened to make the connection between the anchor portion (120) and the body (25) more secure.

Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01430/MUM A (22) Date of filing of 16/10/2002
No.: (PCT/US01/12940) Application:
- (54) Title of the invention: **METHOD FOR CONTROL OF A CHEMICAL MANUFACTURING PROCESS**

<p>(51) International classification: G05B 13/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/200,092</p> <p>(32) Date : 27/04/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>BP CORPORATION NORTH AMERICA INC.</p> <p>Address of the Applicant:</p> <p>LAW DEPT.-MC 2207A. 200 EAST RANDOLPH DRIVE, CHICAGO, IL 60601.</p> <p>(72) Name of the Inventors:</p> <ol style="list-style-type: none"> 1) MCGINN DENNIS L. 2) STEPHENS WILLIAM D. 3) GRAY J. ANDY 4) JANSSEN BETZY 5) STOVER GOMER E. 6) WALTZ JAMES A. 7) VAIDYANATHAN RAMASWAMY 8) VAN HARE DAVID R. 9) MARCEC JEROME J.
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(57) Abstract : A method for monitoring and improving the performance of a chemical manufacturing process by monitoring transients associated with the operation of downstream equipment is disclosed.

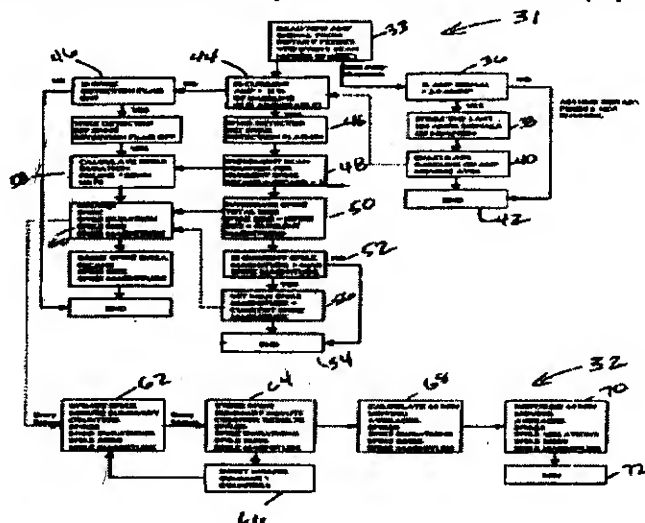


Figure: 3

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01431/MUM A (22) Date of filing of 16/10/2002
No.: (PCT/EP01/03837) Application:

(54) Title of the invention: **ALKYL DIOL IMPREGNATE DRY CLEANSING WIPE**

(51) International classification: C11D 17/04	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 60/197,482	Address of the Applicant:
(32) Date : 17/04/2000	HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) GOTT ROBERT EDWARD
(64) Filed on: N.A.	2) SLAVTCHEFF CRAIG STEPHEN

(57) Abstract : A disposable substantially dry cleansing article is disclosed having a lathering surfactant and a C₈-C₁₂ alkyl diol impregnated into a flexible substrate such as a non-woven cloth. The alkyl diol primarily is a process aid which may concurrently improve aesthetics and increase latherability. Hexylene glycol is the preferred diol. Best performance is achieved with an alkyl diol to total lathering surfactant weight ratio from about 1:1 to about 1:8.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01432/MUM A (22) Date of filing of Application: 16/10/2002
(PCT/EP01/03836)

(54) Title of the invention: **SUBSTANTIALLY DRY CLEANSING PRODUCT OF IMPROVED LATHERABILITY AND WET FLEXIBILITY**

(51) International classification: A 61K 7/15
(30) Priority Data :
(31) Document No.: 60/197,480
(32) Date : 17/04/2000
(33) Name of convention country : U.S.A.
(66) Filled U/s. 5(2) : NO
(61) Patent of addition to application No.: NIL
(62) Filled on : N.A.
(63) Divisional to Application No.: NIL
(64) Filled on: N.A.

(71) Name of the Applicant:

HINDUSTAN LEVER LIMITED

Address of the Applicant:

**HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MAHARASHTRA,
400 020 MUMBAI,
INDIA**

(72) Name of the Inventors:

- 1) **GOTT ROBERT EDWARD**
- 2) **MACEDO FILOMENA AUGUSTA**
- 3) **SLAVTCHEFF CRAIG STEPHEN**
- 4) **LUNSMANN WALTER JOSEPH**

(57) Abstract : This invention relates to a disposable, single-use, substantially dry cleansing product having wet flexibility. The product comprises a lathering surfactant. Optionally, the product comprises a substrate comprising an apertured fabric. Preferably the product has a specific lather volume coefficient.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01433/MUM A (22) Date of filing of Application: 17/10/2002
(PCT/GB00/02287)

(54) Title of the invention: METHOD FOR IMPROVING THE SELECTIVITY OF 1,3-CYCLOHEXANEDIONE HERBICIDE

(51) International classification: A01N 41/10	(71) Name of the Applicant:
(30) Priority Data :	ZENECA LIMITED
(31) Document No.: NIL	
(32) Date : NIL	Address of the Applicant:
(33) Name of convention country : NIL	15 STANHOPE GATE, LONDON
(66) Filed U/s. 5(2) : NO	W1Y 6LN, GREAT BRITAIN
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) SCHER HERBERT BENSON
(63) Divisional to Application No.: NIL	2) CHEN JINLING
(64) Filed on: N.A.	

(57) Abstract :A method of selectively controlling undesirable vegetation in crops by using a postemergent application of an herbicidally effective amount of a metal chelate of a 2-(substituted benzoyl)-1,3-cyclohexanedione compound to the locus of such undesirable vegetation.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01434/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/US01/13360) Application:

(54) Title of the invention: NOVEL COMPOUNDS

<p>(51) International classification: C07H 21/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/199,963 2) 60/203,336 3) 60/207,087 4) 60/207,546</p> <p>(32) Date : 1) 27/04/2000 2) 11/05/2000 3) 25/05/2000 4) 26/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) SMITHKLINE BEECHAM CORPORATION 2) SMITHKLINE BEECHAM P.L.C.</p> <p>Address of the Applicant:</p> <p>1) ONE FRANKLIN PLAZA, PHILADELPHIA PA 19103, U. S. A. 2) NEW HORIZONS COURT, GREAT WEST ROAD, RENTFORD, MIDDLESEX TW8 9EP, GREAT BRITIAN</p> <p>(72) Name of the Inventors:</p> <p>1) AGARWAL PANKAJ 2) MURDOCK PAUL R. 3) RIZVI SAFIA K. 4) SMITH RANDALL F. 5) XIANG ZHAOYING 6) KABNICK KAREN S. 7) LAI YING-TA 8) XIE QING</p>
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(57) Abstract : Polypeptides and polynucleotides of the genes set forth in Table I and methods for producing such polypeptides by recombinant techniques are disclosed. Also disclosed are methods for utilizing polypeptides and polynucleotides of the genes set forth in Table I in diagnostic assays.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01435/MUM A (22) Date of filing of Application: 17/10/2002
(PCT/EP01/04290)
- (54) Title of the invention: 8 β -HYDROCARBYL-SUBSTITUTED ESTRATRIENES FOR USE AS SELECTIVE ESTROGENS

<p>(51) International classification: C07J 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 100 19 167.3 2) 60/207,370</p> <p>(32) Date : 1) 12/04/2000 2) 26/05/2000</p> <p>(33) Name of convention country : 1) GERMANY 2) USA</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SCHERING AKTIENGESELLSCHAFT</p> <p>Address of the Applicant:</p> <p>MULLERSTR. 178, 13353 BERLIN</p> <p>(72) Name of the Inventors:</p> <p>1) PETERS OLAF 2) HILLISCH ALEXANDER 3) THIEME INA 4) ELGER WALTER 5) HEGELE-HARTUNG CHRISTA 6) KOLLENKIRCHEN UWE 7) FRITZEMEIER KARL-HEINRICH 8) PATCHEV VLADIMIR</p>
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(57) Abstract : The invention relates to novel 8 β -substituted estratrienes of the general formula (I), wherein R², R³, R⁶, R^{6'}, R⁷, R^{7'}, R⁹, R¹¹, R^{11'}, R¹², R¹⁴, R¹⁵, R^{15'}, R¹⁶, R^{16'}, R¹⁷ and R^{17'} are defined as in the description and R⁸ represents a straight -or branched-chained, optionally partially or completely halogenated alkyl or alkenyl group with up to 5 carbon atoms, an ethinyl or prop-1-ynyl group. The inventive estratrienes are used as pharmaceutically active substances that have in vitro a higher affinity to estrogen receptor preparations of rat prostate than to estrogen receptor preparations of rat uterus and which in vivo preferably have a preferential effect on bone material as compared to uterus and/or a pronounced effect with respect to the simulation of the expression of 5HT_{2a} receptor and transporter. The invention further relates to the production of these novel compounds, to their use in therapy and to the pharmaceutical forms of administration that contain said novel compounds. The invention further describes the use of said compounds for treating estrogen-deficiency related diseases and conditions and to the use of an 8 β -substituted estratriene structural part in the overall structures of compounds that are characterized by a dissociation in favor of their estrogen effect on the bone as compared to the uterus.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01436/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/US01/13588) Application:

(54) Title of the invention: ISOBUTYLENE-BASED ELASTOMER BLENDS

(51) International classification: C08L 23/00	(71) Name of the Applicant:
(30) Priority Data :	EXXONMOBIL CHEMICAL PATENTS INC.
(31) Document No.: 1) 60/203,329 2) 09/569,363	Address of the Applicant:
(32) Date : 1) 11/05/2000 2) 11/05/2000	5200 BAYWAY DRIVE, BAYTOWN, TX 77520-5200
(33) Name of convention country : U.S.A.	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) TSOU ANDY H.
(61) Patent of addition to application No.: NIL	2) DUVDEVANI ILAN
(62) Filed on : N.A.	3) WANG HSIEN-CHANG
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The improved green strength, green elongation, and green relaxation properties of isobutylene-based elastomers at elevated temperatures along with improved aging and barrier properties are achieved by blending semi-compatible, semi-crystalline copolymers with the isobutylene elastomers. The semi-crystalline copolymers are typically copolymers of ethylene and an alpha-olefin having from 4 to 16 carbon atoms. The improved properties are maintained in subsequent rubber compounds containing said blends and are particularly useful in tire and pharmaceutical container applications.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01437/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/US01/12164) Application:

(54) Title of the invention: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF BREAST CANCER

<p>(51) International classification: C07K 14/47</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/551,621 2) 09/590,751 3) 09/604,287 4) 09/620,405</p> <p>(32) Date : 1) 17/04/2000 2) 08/06/2000 3) 22/06/2000 4) 20/07/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>CORIXA CORPORATION</p> <p>Address of the Applicant:</p> <p>1124 COLUMBIA STREET, SUITE 200, SEATTLE, WA 98104</p> <p>(72) Name of the Inventors:</p> <p>1) JUNG YUQIU 2) DILLON DAVIN C. 3) MITCHAM JENNIFER L. 4) XU JIANGCHUN 5) HARLOCKER SUSAN L. 6) HEPLER WILLIAM T.</p>
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(57) Abstract .:

SYN18C6 NORTHERN BLOT

7.37 kb ———

1.39 kb ———

0.81 kb ———

Compositions and methods for the therapy and diagnosis of cancer, such as breast cancer, are disclosed. Compositions may comprise one or more breast tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a breast tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as breast cancer. Diagnostic methods based on detecting a breast tumor protein, or mRNA encoding such a protein, in a sample are also provided.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01438/MUM A (PCT/US01/13175) (22) Date of filing of Application: 17/10/2002

(54) Title of the invention: ZOLPIDEM HEMITARTRATE

(51) International classification: A61K 31/44

(30) Priority Data :

(31) Document No.: 1) 60/199,298 2) 60/206,205
3) 60/225,364

(32) Date : 1) 24/04/2000 2) 22/05/2000
3) 14/08/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

TEVA PHARMACEUTICAL
INDUSTRIES LTD.

Address of the Applicant:

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49131 PETAH TIQVA

(72) Name of the Inventors:

- 1)- ARONHIME JUDITH
- 2) DOLITZKY BEN-ZION
- 3) KORDOVA MARCO
- 4) LEONOV DAVID
- 5) MESZAROS-SOS ERZEBET
- 6) SALYI SZABOLES
- 7) SCHWARTZ ANCHET
- 8) SZABO CSABA
- 9) ZAVUROV SHLOMO

(57) Abstract : The present invention provides for novel polymorphs of zolpidem hemitartrate and the preparation of the polymorphs.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01439/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/NL01/00414) Application:

(54) Title of the invention: TAPPING DEVICE AND CONTAINER THEREFOR, AND METHOD FOR THE MANUFACTURE THEREOF

(51) International classification: B67D 1/08	(71) Name of the Applicant:
(30) Priority Data :	HEINEKEN THCHNICAL SERVICES B.V.
(31) Document No.: 1015359	Address of the Applicant:
(32) Date : 31/05/2000	2E WETERINGPLANTSOEN 21, NL-1017 ZD AMSTERDAM
(33) Name of convention country : NETHERLANDS	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) VAN DER KLAAUW GUIDO PETRUS JOHANNES
(61) Patent of addition to application-No.: NIL	2) BAX BART JAN
(62) Filed on : N.A.	3) VAN DUUREN MARIUS CORSTIAAN
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A tapping device (1) for beverage, comprising a cooling device and a tapping rod (8) with a tapping cock (14), the tapping rod comprising a first (50) and a second (52) channel, which channels are in fluid communication with each other adjacent the tapping cock (14), while at least during use a tapping line (48) extends through the second channel, which tapping line is coupled at one end with a container (6) for beverage and at the other end can cooperate with the tapping cock.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01440/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/US01/13656) Application:

(54) Title of the invention: DNA TRANSFECTION SYSTEM FOR THE GENERATION OF
INFECTIOUS INFLUENZA VIRUS

(51) International classification: C12N 15/85

(30) Priority Data :

(31) Document No.: 60/200,679

(32) Date : 28/04/2000

(33) Name of convention country : U. S. A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant: .

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Address of the Applicant:

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MEMPHIS, TN 38105-2794, U. S. A.

(72) Name of the Inventors:

HOFFMANN ERICH

(57) Abstract : The present invention is based on the development of a dual promoter system (preferably a RNA pol I- pol II system) for the efficient intracellular synthesis of viral RNA. The resultant minimal plasmid-based system may be used to synthesize any RNA virus, preferably viruses with a negative single stranded RNA genome. The viral product of the system is produced when the plasmids of the system are introduced into a suitable host cell. One application of the system is production of attenuated, reassortant influenza viruses for use as antigens in vaccines. The reassortant viruses generated by cotransfection of plasmids may comprise genes encoding the surface glycoproteins hemagglutinin and neuraminidase from an influenza virus currently infecting the population and the internal genes from an attenuated influenza virus. An advantageous property of the present invention is its versatility; the system may be quickly and easily adapted to synthesize an attenuated version of any RNA virus. Attenuated or inactivated RNA viruses produced by the present invention may be administered to a patient in need of vaccination by any of several routes including intranasally or intramuscularly.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01441/MUM A No.: (PCT/EP01/04627)	(22) Date of filing of Application: 17/10/2002
(54) Title of the invention: SUBSTITUTED BENZOIC ACID AMIDES AND USE THEREOF FOR THE INHIBITION OF ANGIOGENESTS	
(51) International classification: C07D 213/56	(71) Name of the Applicant:
(30) Priority Data :	SCHERING AKTIENGESELLSCHAFT
(31) Document No.: 100 21 246.8	Address of the Applicant:
(32) Date : 25/04/2000	MULLERSTRASSE 178, 13342 BERLIN
(33) Name of convention country : GERMANY	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) HUTCH ANDREAS 2) SEIDELMANN DIETER 3) THIERAUCH KARL-HEINZ
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract :

The invention relates to the substituted benzoic acid amides of the formula (I) and to their use as medicaments for treating diseases caused by persistent angiogenesis, and to the intermediates thereof for producing the inventive benzoic acid amides.

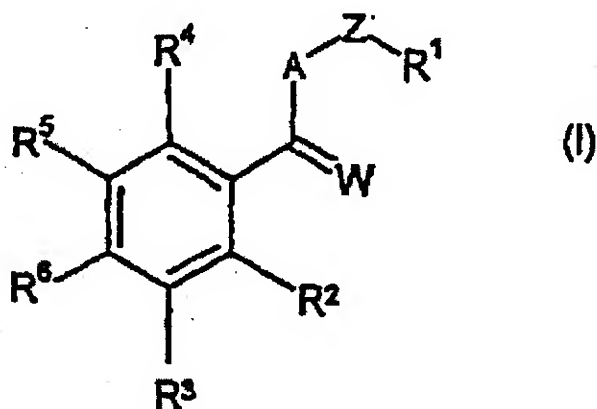


Figure: NIL

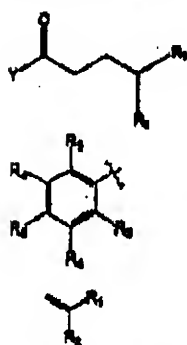
Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01442/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/IB01/01021) Application:

(54) Title of the invention: UTILIZATION OF KETONES AS PRECURSORS OF ACTIVE COMPOUNDS

(51) International classification: C07C 49/84	(71) Name of the Applicant:
(30) Priority Data :	FIRMENICH SA
(31) Document No.: PCT/IB00/00804	Address of the Applicant
(32) Date : 15/06/2000	P.O.BOX 239, I, ROUTE DES
(33) Name of convention country : PCT	JEUNES CH-1211 GENEVA 8
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addltion to application No.: NIL	HERRMANN ANDREAS
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract :

A compounds of formula (I) wherein Y represents a pyridyl group, or a phenyl group of formula [formula (Ia) wherein R₂ represents a hydrogen atom, a CF₃ group or a linear or branched alkoxy group from C₁ to C₁₂, R₄ represents a hydrogen atom, a linear or branched alkyl group from C₁ to C₄, or a CF₃ group R₅ represents a hydrogen atom, a linear or branched alkyl group from C₁ to C₄ a CF₃ group or a linear or branched alkoxy group from C₁ to C₁₂; and R₁ and R₂ are the substituents of a terminal alkene of formula (i) wherein R₁ represents a linear or branched alkyl or alkylene group from C₁ to C₃₅, an unsubstituted or substituted mono or polycycloalkyl group having 3 to 8 carbon atoms, or an unsubstituted or substituted phenyl group, said alkyl, alkylene, mono-or poly-cycloalkyl and phenyl group possibly comprising one or

several hetero-atoms selected from the group consisting of oxygen, nitrogen, phosphorous and sulphur, and R₂ represents a hydrogen atom, a linear or branched alkyl or alkylene group from C₁ to C₃₅ an unsubstituted or substituted mono-or poly-cycloalkyl group from C₃ to C₈, or an unsubstituted or substituted phenyl group, said alkyl, alkylene, mono-or poly-cycloalkyl and phenyl groups possibly comprising one or several hetero-atoms selected from the group consisting of oxygen, nitrogen, phosphorous and sulphur: is capable of releasing, upon an exposure to light, an active compound such as a perfume and can be advantageously used in the treatment of any surface in order to perfume it through the controlled release of a perfumed molecule.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01443/MUM A (22) Date of filing of Application: 17/10/2002
(PCT/US01/11531)

(54) Title of the invention: SCREW ON CONNECTOR

(51) International classification: F16L 29/00

(30) Priority Data :

(31) Document No.: 09/547,465

(32) Date : 12/04/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

DAVIDS SMITH PACKAGING
LIMITED

Address of the Applicant

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ROMEONVILLE, IL 60446

(72) Name of the Inventors:

1) RUTTER CHRISTOPHER
2) SPALDING LAMAR

(57) Abstract .:

An improved screw-on assembly for coupling line connectors with spouts has been invented. The invention can be used with bag-in-box packaging or with a variety of other applications requiring fluid coupling. In one embodiment, threading is accomplished by making internal thread on a line connector with flexible tabs located on the spout. Deformation of the tabs during threading provides a restorative force that stabilizes the assembly during threading. Cooperation of the deformable tabs with structures near the end of the thread provides for self-locking of the assembly. In addition, the tabs are situated on a flange, providing compatibility of the present invention with prior art line connectors.

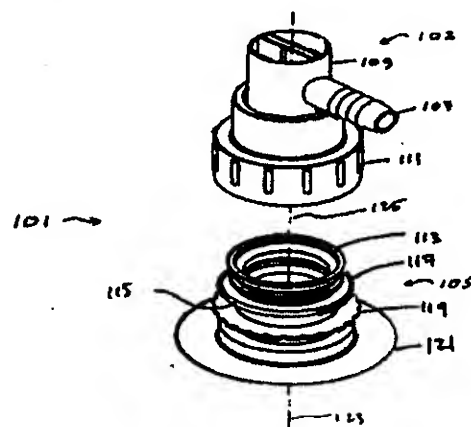


Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01444/MUM A (22) Date of filing of 17/10/2002
No.: (PCT/US01/13798) Application:

(54) Title of the invention: DIAZABICYCLIC CENTRAL NERVOUS SYSTEM ACTIVE AGENTS

<p>(51) International classification: C07D 487/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/559,943 2) 09/833,914</p> <p>(32) Date : 1) 27/04/2000 2) 12/04/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ABBOTT LABORATORIES</p> <p>Address of the Applicant</p> <p>D-377 AP6D, 100 ABOUTT PARK ROAD, ABBOTT PARK, IL 60064-6050</p> <p>(72) Name of the Inventors:</p> <p>1) SCHRIMPF MICHAEL R. 2) TIETJE KARIN R. 3) TOUPENCE RICHARD B. 4) JI JIANGUO 5) BASHA ANWER 6) BUNNELLE WILLIAM H. 7) DAANEN JEROME F. 8) PACE JENNIFER M. 9) SIPPY KEVIN B.</p>
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(57) Abstract :

Compounds of formula (I), pharmaceutical compositions of these compounds, and use of said compositions to control synaptic transmission in mammals (nicotinic acetylcholine receptor ligands).

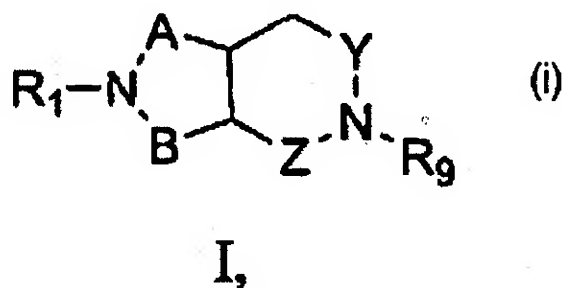


Figure: NIL

Publication After 18 months.

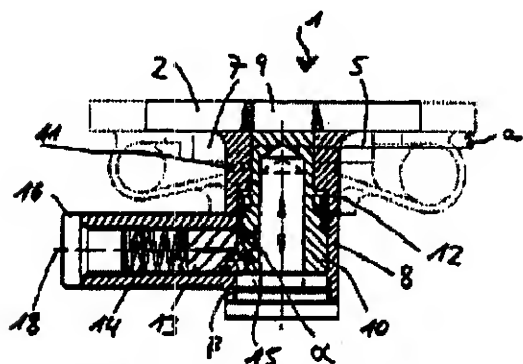
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01445/MUM A (22) Date of filing of 18/10/2002
No.: (PCT/EP01/05902) Application:

(54) Title of the invention: REGULATED PUMP

(51) International classification: F16N 13/20	(71) Name of the Applicant:
(30) Priority Data :	GKN SINTER METALS GMBH
(31) Document No.: 100 25 723.2	Address of the Applicant
(32) Date : 25/05/2000	KREBSOGE 10, 42477
(33) Name of convention country : GERMANY	RADEVPRMWALD
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	BACHMANN JOSEF
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The invention relates to pumps (1), in particular oil pumps for internal combustion engines,



comprising a gear-or rotor-assembly, with one each of a pressure-and suction region (7,5) arranged in a pump housing, which may be sealed from each other, by means of an axially displaceable piston valve (10), which defines a supply chamber (9) and a housing cover (24), closing the pump housing (8). The pressure region (7) comprises a pressure channel, connected to the waist (12) of the control piston (10), whereby the control piston (10) co-operates with a plunger (13) on the end thereof facing the supply chamber (9), which is arranged at right angles to the control piston (10). Said plunger (13) is pre-tensioned against the control piston (10), by means of a pressure spring (14) and said plunger (13) and control piston (10) are connected by means of a sliding surface (15), arranged at an angle to the control piston axis (4).

Figure: 2

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01446/MUM A (22) Date of filing of Application: 18/10/2002
(PCT/EP01/06733)

(54) Title of the invention: POLYMORPHIC FOR MS/HYDRATES OF N-[4-(3-CHLORO-4-FLUOROPHENYLAMINO)-7-(3-MORPHOLIN-4 YLPROPOXY)-QUINAZOLIN-6-YL]-ACRYLAMIDE DIHYDROCHLORIDE

(51) International classification: C07D 239/94

(30) Priority Data :

(31) Document No.: 100 31 971. 8

(32) Date : 30/06/2000

(33) Name of convention country : GERMANY

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

GOLDECKE GMBH

Address of the Applicant

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KARLSRUHE

(72) Name of the Inventors:

- 1) BARTH HUBERT
- 2) STEINER KLAUS
- 3) SCHNEIDER SIMON
- 4) HULS DIETMAR
- 5) MUHLENFELD ANDREAS
- 6) WESTER MAYER MANFRED

(57) Abstract : There are described polymorphic forms/hydrates of N-[4-(3-chloro-4-fluorophenylamino)-7-(3-morpholin-4-yl-propoxy) quinazolin-6-yl]-acrylamide dihydrochloride, processes for their preparation, as well as the use of the same for the preparation of medicaments with irreversible tyrosine kinase inhibiting action.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01447/MUM A (22) Date of filing of Application: 18/10/2002
(PCT/US01/16871)

(54) Title of the invention: **MULTILOBAL POLYMER FILAMENTS AND ARTICLES PRODUCED THEREFROM**

<p>(51) International classification: D01D 5/253</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/206, 980</p> <p>(32) Date : 25/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>E.I. DU PONT DE NEMOURS AND COMPANY</p> <p>Address of the Applicant</p> <p>1007 MARKET STREET, WILMINGTON, DE 19898</p> <p>(72) Name of the Inventors:</p> <p>1) JOHNSON STEPHEN B. 2) SAMUELSON H. VAUGHN</p>
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(57) Abstract : This invention provides polymer filaments having a multilobal cross-section. The cross-section can have a filament factor of about 2.0 or greater and a tip ratio of greater than about 0.2. The filaments may be used as-spun as a spin-oriented feed yarn or as a partially-oriented yarn. The multifilament yarns made from these filaments are useful to make articles with subdued luster and low glitter.

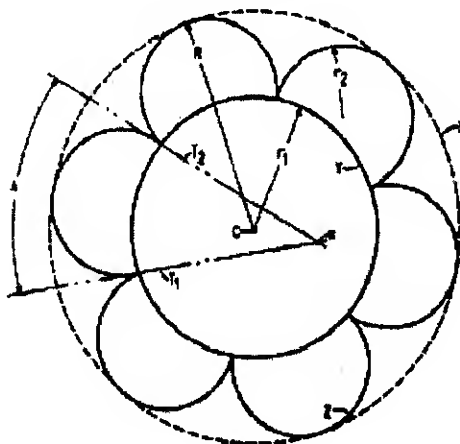


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01448/MUM A (22) Date of filing of Application: 18/10/2002
(PCT/JP01/04071)

(54) Title of the invention: ULTRAVIOLET PASTEURIZER

(51) International classification: A61L 9/20

(30) Priority Data :

(31) Document No.: 2000-148691

(32) Date : 19/05/2000

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

KABUSHIKI KAISHA TOP

Address of the Applicant

19-10, SENJUNAKAI-CHO, ADACHI-KU, TOKYO 120-0035, JAPAN

(72) Name of the Inventors:

1) KOBAYASHI SUSUMU

2) HORIGUCHI MASARU

(57) Abstract : An ultraviolet pasteurizer capable of being used selectively according to whether a person is present or absent in a room to be pasteurized, characterized by comprising an ultraviolet lamp, an openable shielding door blocking off or unblocking off the ultraviolet ray radiated from the ultraviolet lamp to the outside, an internal radiation chamber formed on the inner side of the shielding door in the state where the shielding door is closed, an inlet and an outlet allowing the internal radiation chamber to communicate with the outside, and an air blow fan sucking fresh air from the inlet to the internal radiation chamber, allowing the air to pass near the ultraviolet lamp, and blowing out the air from the outlet.

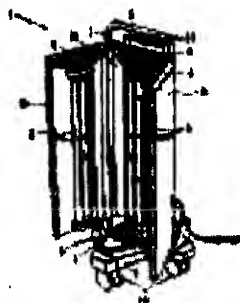


Figure: 3

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(54) Title of the invention: REAL-TIME SCHEDULING OF VIRTUAL MACHINES

<p>(51) International classification: G06F 9/46</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/541,444</p> <p>(32) Date : 31/03/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>INTEL CORPORATION</p> <p>Address of the Applicant</p> <p>2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA 95052</p> <p>(72) Name of the Inventors:</p> <p>1) COTA-ROBLES ERIK 2) FLAUTNER KRISZTIAN</p>
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(57) Abstract : A method for scheduling a plurality of virtual machines includes: determining a resource requirement (X_i) for each virtual machine (VM); determining an interrupt period (Y_i) for each VM; and scheduling the plurality of VMs based, at least in part, on each respective X_i and Y_i .

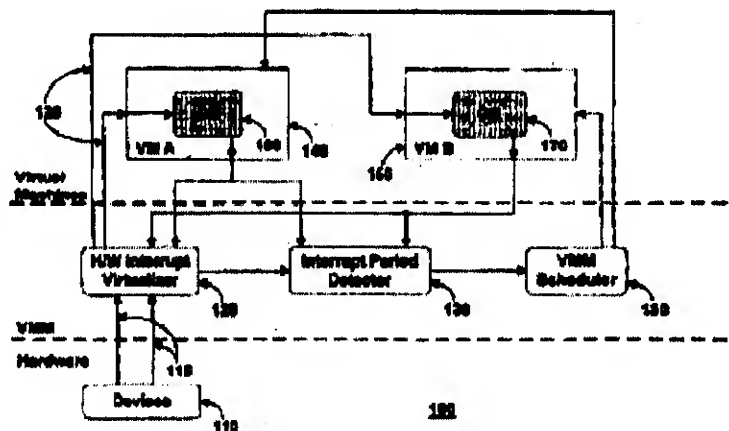


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01450/MUM A (22) Date of filing of 18/10/2002
No.: (PCT/JP01/03806) Application:

(54) Title of the invention: PLASTER

<p>(51) International classification: A61K 9/70</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000-148260</p> <p>(32) Date : 19/05/2000</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HISAMITSU PHARMACEUTICAL CO. INC.,</p> <p>Address of the Applicant</p> <p>408, TASHIRODAIKAN-MACHI, TOSU-SHI, SAGA 841-0017, JAPAN</p> <p>(72) Name of the Inventors:</p> <p>1). OOTA SHIGEO 2) TSURUDA KIYOMI</p>
--	--

(57) Abstract : A plaster having a support comprising a synthetic fiber fabric and an adhesive layer laminated on the fabric, characterized in that it has a bending resistance of 10 to 30 mm and a probe tack value of 0.25 to 1.2N. The plaster allows satisfactory prevention of the exfoliation thereof in being pasted and also satisfactory suppression of a rash and a pain in being peeled.

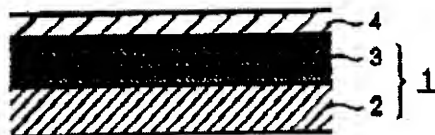


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01451/MUM A (22) Date of filing of Application: 18/10/2002
(PCT/US01/10384)

(54) Title of the invention: **METHOD AND APPARATUS FOR MAPPING ELECTRONIC DEVICES COUPLED TO A WIRELESS NETWORK**

(51) International classification: H04L 12/28

(30) Priority Data :

(31) Document No.: 09/545,707

(32) Date : 07/04/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

INTEL CORPORATION

Address of the Applicant

**2200 MISSION COLLEGE
BOULEVARD, SANTA CLARA,
CA 95052**

(72) Name of the Inventors:

RAMAKESAVAN SUNDARAM

(57) Abstract :

A user selects a wireless network mapping option on their computer and is presented with a list of names of electronic devices coupled to the wireless network to which the computer is coupled. When one of the electronic devices transmits a wireless identification signal to the computer, a visual cue identifies the default name associated with the electronic device in the list. The user may then rename the default name to a local name. The user may also opt to transmit a wireless identification signal of their own to one or more of the electronic devices coupled to the wireless network. Alternatively, the user may select one or more electronic devices from the list, and nudge the selected devices by sending an activation signal, causing the electronic devices to identify themselves using an audio or visual cue.

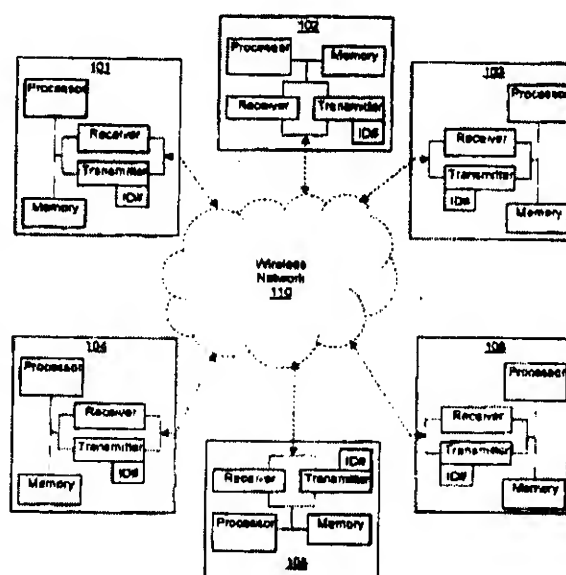


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01452/MUM A (22) Date of filing of 18/10/2002
 No.: (PCT/US01/17139) Application:

(54) Title of the invention: SOLUBLE CTLA4 MUTANT MOLECULES AND USES THEREOF

(51) International classification: C07K 16/00

(30) Priority Data :

(31) Document No.: 1) 09/579,927 2) 60/214,065

(32) Date : 1) 26/05/2000 2) 26/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BRISTOL-MYERS SQUIBB COMPANY

Address of the Applicant

P.O.BOX 4000, LAWRENCEVILLE-
 PRINCETON ROAD, PRINCETON
 ROAD, PRINCETON, NJ 08543

(72) Name of the Inventors:

- 1) PEACH ROBERT J.
- 2) NAEMURA JOSEPH R.
- 3) LINSLEY PETER S.
- 4) BAJORATH JURGEN

(57) Abstract :

The present invention provides soluble CTLA4 mutant molecules which bind with greater avidity to the CD80 and/or CD86 antigen than wild type CTLA4 or non-mutated CTLA4Ig. The soluble CTLA4 molecules have a first amino acid sequence comprising the extracellular domain of CTLA4, where certain amino acid residues within the S25-R33 region and M97-G107 region are mutated. The mutant molecules of the invention may also include a second amino acid sequence which increases the solubility of the mutant molecule.

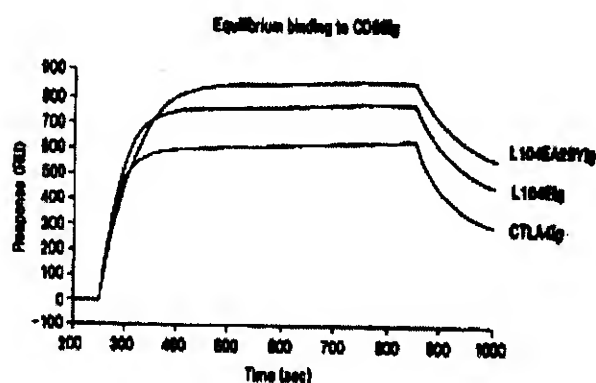


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01453/MUM A (22) Date of filing of Application: 18/10/2002
(PCT/JP01/04694)

(54) Title of the invention: DELIVERY CONTAINER

(51) International classification: B65D 83/00	(71) Name of the Applicant:
(30) Priority Data :	KABUSHIKI KAISHA TOP
(31) Document No.: 2000-191542	Address of the Applicant
(32) Date : 26/06/2000	19-10, SENJUNAKAI-CHO, ADACHI-KU, TOKYO 120-0035, JAPAN,
(33) Name of convention country : JAPAN	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	ICHIKAWA KAZUHIRO
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract :

A delivery container (1) capable of surely delivering a specified amount of liquid with a simple structure, comprising a main body (3) filled with a chemical (2) and a cap (4) installed on the upper side of the main body (3), wherein a barrel (5) having a slit (11) is formed on the inside lower side of the main body (3) integrally with the main body (3), a cylindrical piston (6) having a check valve (12) is installed slidably in the barrel (5), the piston (6) is connected to the cap (4) having a delivery port (4a) through a hollow shaft (7) passing through the upper part of the main body (3) so that the vertical movement of the cap (4) is transmitted to the piston (6) through the shaft (7), the chemical (2) made to flow into the cylinder through the slit (11) by gravity being filled into the cylinder (5) at all times because the barrel (5) is provided at the bottom part of the main body (3), whereby the chemical (2) need not be sucked and the specified amount of chemical (2) is delivered from the delivery port (4a) at all times.

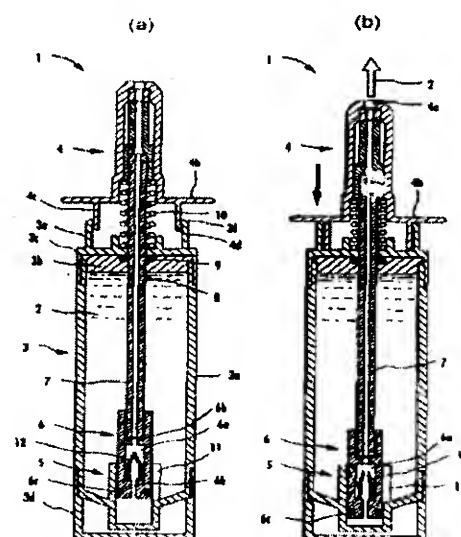


Figure: 1a, 1b

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01454/MUM A (22) Date of filing of 18/10/2002
No.: (PCT/EP02/02389) Application:
(54) Title of the invention: BINDER MIXTURE AND ITS USE

(51) International classification: C08L 61/06	(71) Name of the Applicant:
(30) Priority Data :	BAKELITE AG
(31) Document No.: 101 12 620.4	Address of the Applicant
(32) Date : 14/03/2001	GENNAER STR. 2-4, D-58642
(33) Name of convention country : GERMANY	ISERLOHN-LETMATHE
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) MULLER FRANZ-JOSEF
(62) Filed on : N.A.	2) ARBIA VITO
(63) Divisional to Application No.: NIL	3) WELLHAUS BERND
(64) Filed on: N.A.	

(57) Abstract : The invention relates to a binding agent mixture, based on a pulverulent mixture consisting of a non thermally-reactive phenol resin and one or more thermally-reactive condensation product(s) selected from the group of phenol, amino or epoxy resins and a powder lacquer or powder lacquer recycling material. The mixture can be used as a binding agent for textile nonwovens, moulding compounds, fireproof materials, abrasive and friction materials and in the foundry industry

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01455/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/US01/09092) Application:

(54) Title of the invention: COLORIMETRIC ARTIFICIAL NOSE HAVING AN ARRAY OF
DYES AND METHOD FOR ARTIFICIAL OLFACTION

(51) International classification: G01N 21/03	(71) Name of the Applicant:
(30) Priority Data :	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
(31) Document No.: 1) 09/532,125 2) 09/705,329	Address of the Applicant
(32) Date : 1) 21/03/2000 2) 03/11/2000	601 EAST JOHN STREET, CHAMPAIGN, IL 61820
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) SUSLICK KENNETH S. 2) RAKOW NEAL A. 3) SEN AVIJIT
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention involves an artificial nose (10) having an array (12) comprising at least a first dye and a second dye in combination and having a distinct spectral response to an analyte. In one embodiment, the first and second dyes are from the group comprising porphyrin, chlorin, chlorophyll, phthalocyanine, or salen. In a further embodiment, the first and second dyes are metalloporphyrins. The present invention is particularly useful in detecting metal ligating vapors. Further, the array (12) of the present invention can be connected to a wavelength sensitive light detecting device.

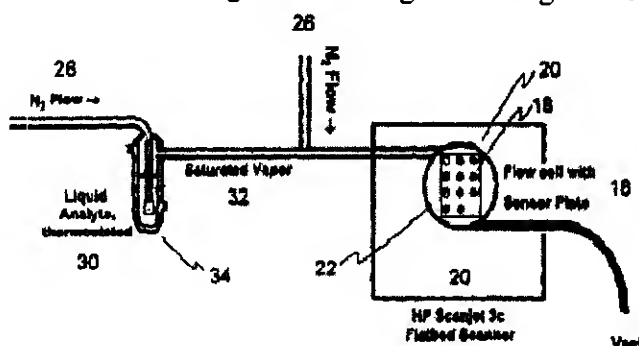


Figure: 3 A

Publication After 18 months. **ths**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01456/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/SE01/01162) Application:

(54) Title of the invention: PHARMACEUTICAL COMBINATION OF BICALUTAMIDE AND TAMOXIFEN FOR PROVIDING AN ANTI-ANDROGENIC EFFECT AND AN ANTI- OESTROGENIC EFFECT

(51) International classification: A61K 31/277	(71) Name of the Applicant:
(30) Priority Data :	ASTRAZENECA AB
(31) Document No.: 0012291.1	Address of the Applicant
(32) Date : 23/05/2000	S-151 85 SODERTALJE
(33) Name of convention country : GREAT - BRITAN	Name of the Inventors:
(66) Filed U/s. 5(2) : YES	FURR BARRINGTON
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract: The present invention relates to a pharmaceutical product, daily dose or dose regimen comprising 4'-cyano- α' , α' , α' -trifluoro-3-(4-fluorophenylsulphonyl)-2-methylpropiono-*m*-toluidide (compound I) and tamoxifen. The product comprises compound I and tamoxifen in a ratio of 25 to 350:0.5 to 100 respectively. The invention also relates to a method of providing an anti-androgenic effect and an anti-oestrogenic effect in a patient, wherein the anti-oestrogenic effects is provided substantially without causing an additional increase in the levels of circulating androgens.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01457/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/GB01/02424) Application:

(54) Title of the invention: QUINAZOLINE DERIVATIVES FOR THE TREATMENT OF TUMOURS

(51) International classification: C07D 413/12
(30) Priority Data :
(31) Document No.: 1) 00401581.4 2) 01400297.6
3) 01400565.6
(32) Date : 1) 06/06/2000 2) 07/02/20001
3) 05/03/2001
(33) Name of convention country : EUROP
(66) Filed U/s. 5(2) : YES
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

(71) Name of the Applicant:
ASTRAZENECA AB
Address of the Applicant
S-151 85 SODERTALJE

(72) Name of the Inventors:
1) HENNEQUIN LAURENT
FRANCOIS ANDRE
2) PLE PATRICK

(57) Abstract : The invention concerns quinazoline derivatives of formula (I) wherein each of Q¹, Z, m, R¹, R², R³ and Q² have any of the meanings defined in the description; process for their preparation, pharmaceutical compositions containing them and their use in the manufacture of a medicament for use as an anti-invasive agent in the containment and/or treatment of solid tumour disease.

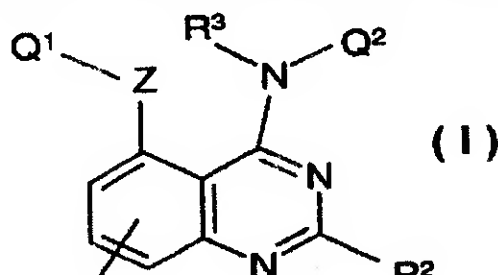


Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01458/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/SE01/01053) Application:
- (54) Title of the invention: **PHARMACEUTICALLY ACTIVE PIPERIDINE DERIVATIVES, IN PARTICULAR AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY**

(51) International classification: C07D 211/58	(71) Name of the Applicant:
(30) Priority Data :	ASTRAZENECA AB
(31) Document No.: 0011838.0	Address of the Applicant
(32) Date : 17/05/2000	S-151 85 SODERTALJE
(33) Name of convention country : GREAT-BRITAN	
(66) Filed U/s. 5(2) : YES	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) BURROWS JEREMY
(62) Filed on : N.A.	2) COOPER ANNE
(63) Divisional to Application No.: NIL	3) CUMMING JOHN
(64) Filed on: N.A.	4) MCINALLY THOMAS
	5) TUCKER HOWARD

(57) Abstract : Compounds of formula (I), compositions comprising them, processes for preparing them and their use in medical therapy (for example modulating CCR5 receptor activity in a warm blooded animal).

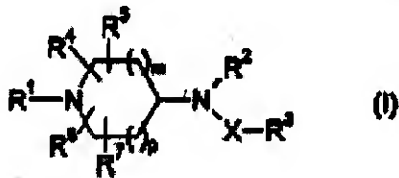


Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01459/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/EP01/04427) Application:

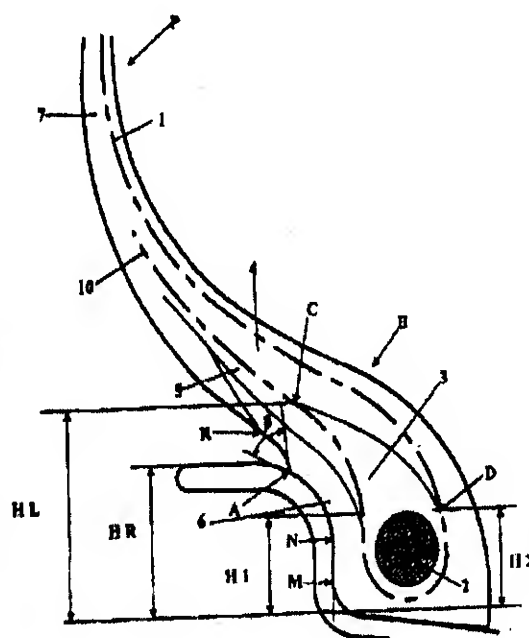
(54) Title of the invention: REDUCED MASS TYRE BEAD

<p>(51) International classification: B60C 15/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00/05343</p> <p>(32) Date : 25/04/2000</p> <p>(33) Name of convention country : FRANCE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SOCIETE DE THCHNOLOGIE MICHELIN</p> <p>Address of the Applicant</p> <p>23 RUE BRESCHET, F-63000 CLERMONT-FERRAND CEDEX 09</p> <p>(72) Name of the Inventors:</p> <p>FERLIN OLIVIER</p>
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(57) Abstract :

The invention concerns a tyre P designed to be mounted on a rim whereof the seats form with the axis of rotation an angle ranging between 0 DEG and 6 DEG , and comprising a radial carcass reinforcement (1) anchored in each bead B to a bead core (2) forming a turn-up (10), said bead core (2) being radially topped, axially between the main reinforcement (1) and its turn-up (10), with at least an extruded profile (3) of rubber mixture substantially triangular in shape and with high Shore A hardness. The invention is characterised in that the meridian profile of the axially outer surface of each bead B having definite curvature gap, is combined with the presence above the bead core of an extruded profile (3) of rubber mixture with high hardness, said extruded profile (3) being axially in contact over its entire height with the turn-up (10) of the carcass reinforcement (1), and separated from the main part of said reinforcement (1) by an extruded profile (4) of rubber mixture with low hardness, while a third extruded profile (5), axially external to the turn-up (10), consists of a mixture with low hardness.

Figure: 1



Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01460/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/US01/10274) Application:

(54) Title of the invention: LOW IONIC STRENGTH OPHTHALMIC COMPOSITIONS

(51) International classification: A61L 12/00

(30) Priority Data :

(31) Document No.: 09/563,625

(32) Date : 02/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BAUSCH & LOMB INCORPORATED

Address of the Applicant

ONE BAUSCH & LOMB PLAC,
ROCHESTER, NY 14604-2701

(72) Name of the Inventors:

- 1) HU ZHENZE
- 2) SALAMONE JOSEPH
- 3) HEILER DAVID J.
- 4) SMERBECK RICHARD V

(57) Abstract : A method for wetting a contact lens comprising administering an aqueous wetting solution comprising 0.001 to 10.0 percent by weight of a cationic cellulosic polymer provided that the solution has an ionic strength of less than about 0.10

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01461/MUM A (22) Date of filing of Application: 21/10/2002
(PCT/GB01/02036)

(54) Title of the invention: IMPROVEMENTS IN OR RELATING TO A NOZZLE ARRANGEMENT

<p>(51) International classification: B65D 83/14</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0011218.5</p> <p>(32) Date : 10/05/2000</p> <p>(33) Name of convention country : GREAT-BRITAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>INCRO LIMITED</p> <p>Address of the Applicant</p> <p>35 FAIRFIELD RISE, WOLLASTON, STOURBRIDGE, WEST MIDLANDS DY8 3PQ</p> <p>(72) Name of the Inventors:</p> <p>1) LAIDLER KEITH 2) YULE ANDREW</p>
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(57) Abstract : A nozzle arrangement which is suitable for use in the generation of a spray or aerosol and which is adapted for connection to a fluid supply, the nozzle arrangement including a fluid inlet through which fluid enters the arrangement from the fluid supply and fluid outlet through which the fluid is ejected from the nozzle arrangement, fluid inlet and fluid outlet being connected to a fluid flow passage through which, in use, fluid flows from the inlet to the outlet, wherein the nozzle arrangement includes control means provided in the passage which, in use, acts to modify the flow characteristics of the fluid in the fluid flow passage to effectively control fluid droplet size produced in the spray or aerosol by the nozzle arrangement.

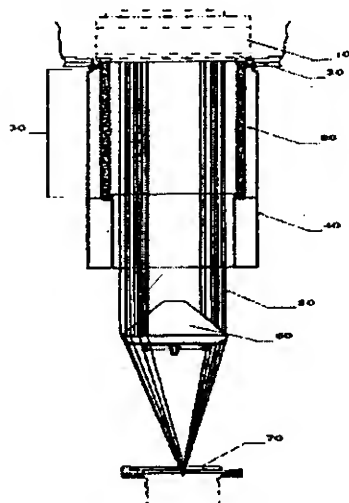
Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01462/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/US01/16010) Application:
- (54) Title of the invention: PROCESS AND APPARATUS FOR CONDITIONING OF MELT-SPUN MATERIAL

<p>(51) International classification: D01D 5/088</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/205,072 2) 09/855,343</p> <p>(32) Date : 1) 18/05/2000 2) 15/05/20001</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>E.I. DU PONT DE NEMOURS AND COMPANY</p> <p>Address of the Applicant</p> <p>1007 MARKET STREET, WILMINGTON, DE 19898</p> <p>(72) Name of the Inventors:</p> <p>1) SMITH STEVEN WAYNE 2) HIETPAS GEOFFREY DAVID 3) WOOD RICHARD TERRY</p>
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(57) Abstract :

An apparatus and process for applying finish to an expanded filament array in a quench system with air directed inward to the filament bundle. The applicator may be used inside or proximate quench zones in a radial, pneumatic, or cross-flow quench system. The apparatus includes a spinneret (20), a quench zone (80) located below said spinneret (20), wherein cooling gas is directed inward to an expanded filament array (50) inside said quench zone (80), and an applicator (60) inside or below said quench zone (80), wherein the applicator (60) contacts the filament and delivers the finish to the expanded filament array (50)

Figure: 2

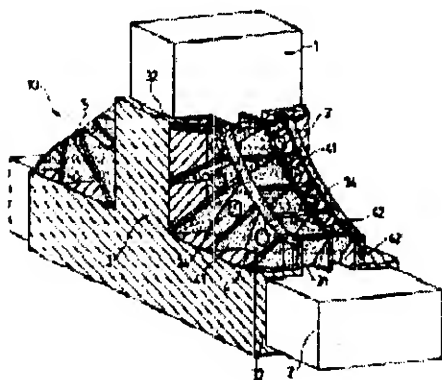
Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01463/MUM A (22) Date of filing of 21/10/2002
No.: (PCT/EP01/04632) Application:

(54) Title of the invention: A SECTIONAL COMPOSITE STRUCTURAL PART AND A PROCESS FOR PRODUCING SAME

(51) International classification: B29C 45/14	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 10022360.5	Address of the Applicant
(32) Date : 08/05/2000	51368 LEVERKURSEN
(33) Name of convention country : GERMANY	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	WAGENBLAST JOACHIM
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on : N.A.	

(57) Abstract :

The invention relates to a composite component consisting of two or more profiles (1) and (2) and to a method for the production thereof. According to the invention, at least one profile (1), with one free end, abuts against the second profile (2) or is inserted into the second profile (2). The invention is characterized in that reinforcing elements (3, 3'; 6, 6'; 23; 25; 21), which from a positive engagement with profiles (1) and (2), are provided in the area of the junction (10) of profiles (1) and (2), and profiles (1) and (2) are interconnected by a thermoplastic material that is sprayed or shrunk on in the area of the junction (10).

Figure: 1

Publication After 18 months

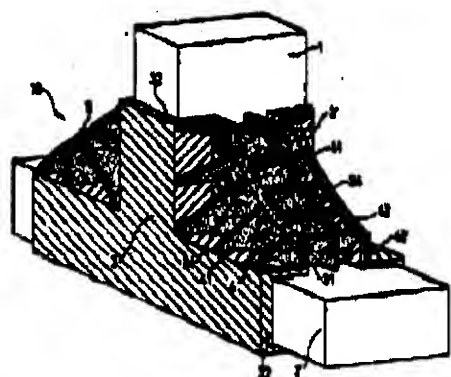
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01464/MUM A (22) Date of filing of Application: 21/10/2002
(PCT/IN01/00097)

(54) Title of the invention: A SECTIONAL COMPOSITE STRUCTURAL PART AND A PROCESS FOR PRODUCING SAME

(51) International classification: B29C 45/14
(30) Priority Data :
(31) Document No.: 10022360.5
(32) Date : 08/05/2000
(33) Name of convention country : GERMANY
(66) Filed U/s. 5(2) : NO
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

(71) Name of the Applicant:
BAYER AKTIENGESELLSCHAFT
Address of the Applicant
51368 LEVERKURSEN
(72) Name of the Inventors:
WAGENBLAST JOACHIM

(57) Abstract :

The invention relates to a composite component consisting of two or more profiles (1) and (2) and to a method for the production thereof. According to the invention, at least one profile (1), with one free end, abuts against the second profile (2) or is inserted into the second profile (2). The invention is characterized in that reinforcing elements (3,3'; 6,6'; 23; 25; 21), which from a positive engagement with profiles (1) and (2), are provided in the area of the junction (10) of profiles (1) and (2), and profiles (1) and (2) are interconnected by a thermoplastic material that is sprayed or shrunk on in the area of the junction (10).

Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01465/MUM A (22) Date of filing of Application: 22/10/2002
(PCT/EP01/04079)

(54) Title of the invention: PERSONAL CLEANSING BAR AND PREPARATION PROCESS

<p>(51) International classification: A61K 7/50</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/558,810</p> <p>(32) Date : 26/04/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020, MUMBAI</p> <p>(72) Name of the Inventors:</p> <p>1) ARONSON MICHAEL PAUL 2) NUNN CHARLES CRAIG 3) LEOPOLDINO SERGIO ROBERTO 4) CHAMBERS JOHN GEORGE 5) CORMAN CHRISTINE 6) AZRI-MEEHAN SHANA</p>
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(57) Abstract : The invention discloses bars comprising fatty acid soaps, free fatty acid, polyalkylene glycol and specific salts of protic acid (i.e., having pKa less than 6, preferably less than 5.5). The invention further relates to a process for making the bars.

Comparison Bar 1 and Bar 2 in induction of visual dryness.

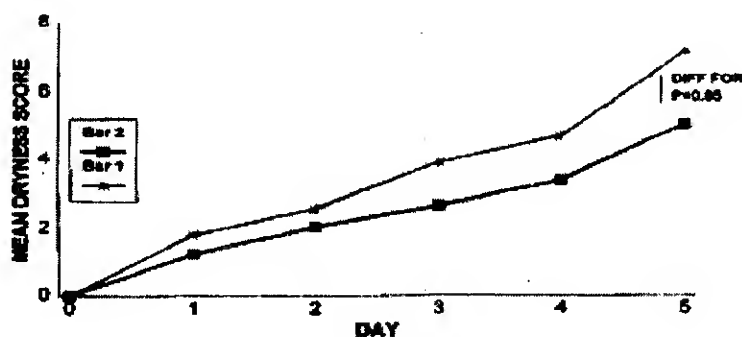


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01466/MUM A (22) Date of filing of 22/10/2002
No.: (PCT/EP01/03927) Application:

(54) Title of the invention: ANTI-FREEZE PROTEINS, THEIR PRODUCTION AND USE

(51) International classification: C07K 14/41

(30) Priority Data :

(31) Document No.: 0010314.3

(32) Date : 27/04/2000

(33) Name of convention country : UNITED-
KINGDOM

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HINDUSTAN LEVER LIMITED

Address of the Applicant

HINDUSTAN LEVER HOUSE, 165/166
BACKBAY RECLAMATION,
MAHARASHTRA, 400 020, MUMBAI,
INDIA

(72) Name of the Inventors:

BERRY MARK JOHN
DOUCET CHARLOTTE JULIETTE
LUNDHEIM ROLV SIGMUND
SEVILLA MARIE-PIERRE
WHITEMAN SALLY-ANNE

(57) Abstract : Antifreeze proteins which can be derived from the lichen Nephroma arcticum and proteins having antifreeze activity having an amino acid sequence part of which shows at least 80% overlap with the amino acid sequence L-V-I-G-S-T-A-Q (E)-N-F-G-V-V(S)-A-A-A-T, as well as modified versions thereof. Methods for their preparation, their use in food processing and food compositions comprising them are also described.

Figure: Nil

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01467/MUM A (22) Date of filing of Application: 22/10/2002
(PCT/EP01/04127)

(54) Title of the invention: BLACK TEA MANUFACTURE

<p>(51) International classification: A23F 3/08</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0010315.0</p> <p>(32) Date : 27/04/2000</p> <p>(33) Name of convention country : GREAT-BRITAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION. MAHARASHTRA, 400 020, MAHARASHTRA</p> <p>(72) Name of the Inventors:</p> <p>1) BLAIR RUTH LOUISA 2) MAYAKA ROBERT ONG'ONDI 3) PARRY ANDREW DAVID 4) STABLER PETER JOSEPH</p>
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(57) Abstract : A process for manufacturing black leaf tea that looks and feels like orthodox processed tea but has the liquor characteristics of a fuller fermented CTC process tea. The process involves withering a first supply of freshly plucked tea leaves, macerating the withered leaves, allowing the macerated withered leaves to ferment to produce macerated dhool, withering a second supply of freshly plucked tea leaves, mixing the macerated dhool obtained from the first supply of leaves with the withered leaves obtained from the second supply of leaves, rolling the mixture, allowing the rolled mixture to ferment, and drying the fermented mixture to yield black leaf tea.

Figure: NII.

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01468/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/US01/10415) Application:
- (54) Title of the invention: IMPROVED DOSING ASSEMBLY

(51) International classification: B01F 15/02

(30) Priority Data :

(31) Document No.: 09/578,535

(32) Date : 24/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

MILLKEN & COMPANY

Address of the Applicant

920 MILLIKEN ROAD,
SPARTANBURG, SC 29303

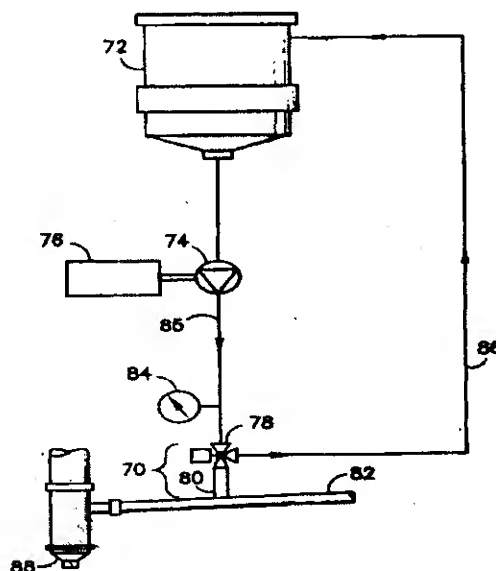
(72) Name of the Inventors:

RAGSDALE MARK E.

(57) Abstract :

This invention relates to an improved dosing assembly (valve/feed line/liquid collecting vessel) which permits nearly immediate response time to an actuator signal. Such an assembly is used for the controlled introduction of any liquid through a valve into a collecting vessel. In particular, the inventive assembly exhibits substantially no leakage from the feed line into the liquid collecting vessel when the valve is closed and an instantaneous introduction of the feed line liquid into the liquid collecting vessel upon opening of the valve, both when a liquid possessing a surface tension of about 50 dynes/cm² is used as the measurement standard. This assembly is particularly and preferably suited for injecting colorants into reactants for the production of polyurethane slabstock foam and permits a substantial reduction in foam waste due to low colorations during an on/off cycle. Preferably, this inventive assembly comprises a ball valve, a manifold, and a connector pipe which may contain at most 30 mL of liquid at any single moment and which is measured in diameter of at most 0.42 inches (about 1.07 cm). Such a connecting pipe permits substantially instantaneous shut-off and -on without appreciable leakage or pressure drop and without the need to utilize a high throughput flow rate. Also, such a specific connecting pipe is wide enough to permit high throughput rates should the need arise. The valve/pipe/manifold configuration is contemplated within this invention.

Figure: 3



Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01469/MUM A (22) Date of filing of Application: 23/10/2002
(PCT/EP01/04485)

(54) Title of the invention: BUILDING CONSTRUCTION AND SHAPED ELEMENTS FOR ERECTING THE SAME

(51) International classification: E04B 2/02

(30) Priority Data :

(31) Document No.: 100 23 182.9

(32) Date : 11/05/2000

(33) Name of convention country: GERMANY

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

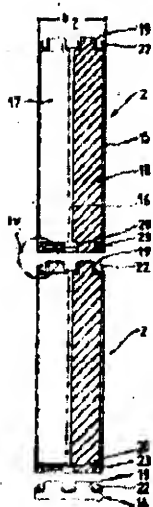
TER HUURNE ANDRE

Address of the Applicant

RUSCHWEDEWEG 24, 27389 FINTEL

(72) Name of the Inventors:

TER HUURNE ANDRE

(57) Abstract :

The invention relates to a shaped element for use in a building construction and to a building construction erected using said shaped element. The aim of the invention is to produce a building construction which is simple and economical to erect and which can be taken down easily. To this end, the shaped element (2) has a connecting structure (19) which can be connected to a counter-structure (20) configured in a connecting area of another shaped elements (2) with a positive fit. The shaped elements (2) can be interconnected with a positive fit in order to erect at least parts of the building construction using said shaped elements (2). Cavities (18) in the shaped elements (2) can be filled e.g. with water in order to improve the static of the building construction.

Figure: 3b

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01470/MUM A (22) Date of filing of Application: 23/10/2002
(PCT/EP01/04845)

(54) Title of the invention: ANTISTATIC AGENT

(51) International classification: C09K 3/16	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESSELLSCHAFT
(31) Document No.: 1) 100 34 945.5 2) 100 65 439.8	Address of the Applicant
(32) Date : 1) 12/05/2000 2) 27/12/2000	51368 LEVERKUSEN
(33) Name of convention country : GERMANY	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) DOBLER MARTIN
(62) Filed on : N.A.	2) KOHLER WALTER
(63) Divisional to Application No.: NIL	3) NEUMANN SIEGFRIED
(64) Filed on: N.A.	

(57) Abstract : The invention relates to moulding materials made from particular, quaternary ammonium salts of perfluoroalkylsulphonic acids and thermoplastics, with antistatic properties and which show no yellowing on working.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01471/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/US01/16330) Application:

(54) Title of the invention: COUNTERGRAITY CASTING METHOD AND APPARATUS

(51) International classification: B22D 27/04

(30) Priority Data :

(31) Document No.: 09/578,136

(32) Date : 24/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HITCHINER MANUFACTURING CO.
INC.

Address of the Applicant

ELM STREET, MILFORD, NH 03055
U.S.A.

(72) Name of the Inventors:

- 1) CARGILI DANNY L.
- 2) OLES MARK W.
- 3) POOLE ROBERT A.

(57) Abstract :

Countergravity casting of metals and metal alloys provides for melting of the metallic material under subambient pressure, evacuation of a gas permeable or impermeable mold (15) under subambient pressure, and controlled, rapid filling of the mold (15) while it is maintained under the subambient pressure by applying gas pressure locally on the molten metallic material in a sealed space defined by engagement of a mold base (13) and a melting vessel with a seal therebetween. The gas pressure applied locally in the sealed space establishes a differential pressure on the molten metallic material to force it upwardly through the fill tube (16) into the mold (15).

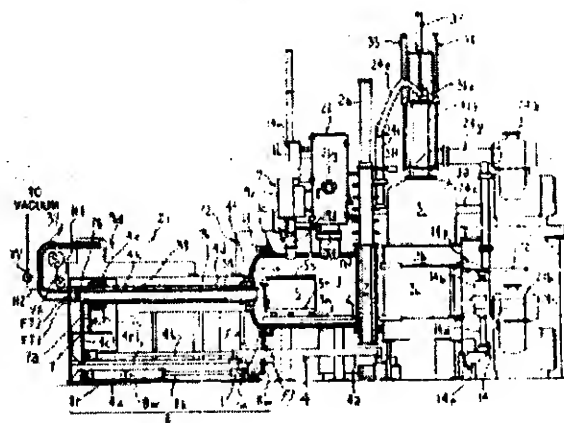


Figure: 1

Publication After 18 months

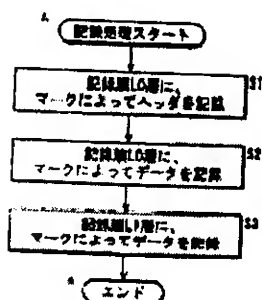
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01472/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/JP02/01686) Application:

(54) Title of the invention: RECORDING AND/OR REPRODUCTION APPARATUS

<p>(51) International classification: G11B 7/0045</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2001-058845</p> <p>(32) Date : 02/03/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(36) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SONY CORPORATION</p> <p>Address of the Applicant</p> <p>7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, 141-0001, JAPAN</p> <p>(72) Name of the Inventors:</p> <p>KOBAYASHI SHOEI</p>
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(57) Abstract :



A recording/reproducing device suitably used in recording or reproducing data to/from an optical disk having two recording layers on one surface thereof, and a program. An optical disk having two layers on one surface one unformatted recording film (L0) layer and one formatted recording film (L1) layer, wherein the recording film (L0) layer is formatted by a mark in step S1, the formation of a mark corresponding to record data is started with the recording film (L0) layer first in step S2, and, after the recording film (L0) layer is used up, a mark corresponding to record data is formed on the recording film (L1) layer in step S3. This device can be applied to e.g. DVD players.

Figure: 14

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01473/MUM A (22) Date of filing of Application: 23/10/2002
(PCT/EP01/04697)

(54) Title of the invention: PRODUCTION OF 2-ETHYL-3-METHYL-1,4-DIAZINE

(51) International classification: C07D 241/12

(30) Priority Data :

(31) Document No.: 100 22 361.3

(32) Date : 08/05/2000

(33) Name of convention country : GERMANY

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HAARMANN & REIMER GMBH

Address of the Applicant

37601 HOLZMINDEN, GERMANY

(72) Name of the Inventors:

LAMBRECHT STEFAN

(57) Abstract : The invention relates to a novel, industrial synthesis of 2-ethyl-3methyl-1,4-diazine.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01474/MUM A (22) Date of filing of Application: 23/10/2002
(PCT/JP02/01687)

(54) Title of the invention: RECORDING AND/OR REPRODUCTION APPARATUS

<p>(51) International classification: G11B 7/0045</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2001-058846</p> <p>(32) Date : 02/03/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SONY CORPORATION Address of the Applicant</p> <p>7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, 141-0001, JAPAN</p> <p>(72) Name of the Inventors:</p> <p>KOBAYASHI SHOEI</p>
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(57) Abstract : A recording/reproducing device suitably used in recording or reproducing data to/from an optical disk having two recording layers on one surface thereof, and a program. An optical disk having two layers on one surface one unformatted recording film (L0) layer and one formatted recording film (L1) layer, wherein the recording film (L0) layer is formatted by a mark in step S1, the formation of a mark corresponding to record data is started with the recording film (L0) layer first in step S2, and, after the recording film (L0) layer is used up, a mark corresponding to record data is formed on the recording film (L1) layer in step S3. This device can be applied to e.g. DVD players.

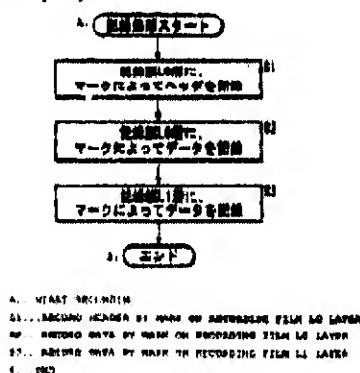


Figure: 14

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01475/MUM A (22) Date of filing of Application: 23/10/2002
(PCT/AU01/00452)
- (54) Title of the invention: SHELF STABLE CONFECTIONAERY

(51) International classification: A23G 1/00	(71) Name of the Applicant:
(30) Priority Data :	EFFEM FOODS PTY LTD.
(31) Document No.: 30088/00	Address of the Applicant
(32) Date : 20/04/2000	KELLY STREET, WODONGA, VIC 3690, AUSTRALIA
(33) Name of convention country : AUSTRALIA	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	ROBERTS ANDRE KENT
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A confectionery products comprising low density chocolate surrounded by a sugar-based coating, and a process for producing the confectionery product. The confectionery product is shelf stable, even at elevated ambient temperatures.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01476/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/EP01/03096) Application:

(54) Title of the invention: REFILLABLE TOWELETTE DISPENSIN ARTICLE

(51) International classification: B65D 83/08

(30) Priority Data :

(31) Document No.: 60/200,802

(32) Date : 01/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HINDUSTAN LEVER LIMITED.

Address of the Applicant

HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION,
MUMBAI 400 020, MAHARASHTRA,
INDIA.

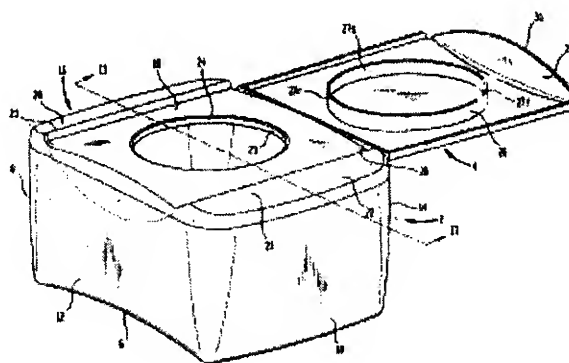
(72) Name of the Inventors:

- 1) FLAIG RAYMOND MICHAEL
- 2) TELESKA JOSEPHINE

(57) Abstract :

A dispensing article, particularly for dispensing towelettes, is provided and includes a container body (2) for storing the towelettes and a lid (4) hingedly attached to the body (2). The container is formed from a floor panel (6), left (8) and right (10) side panels, front (12) and rear (14) panels and a deck panel. The deck panel (16) includes a sealing section (18) with a dispensing aperture (24). The sealing section (18) is domed outwardly away from the floor (6). A downwardly projecting plug (26) on an interior surface of the lid (4), in a closed position, engages within the dispensing aperture (24) forming a seal therewith. The domed nature of the sealing section (18) improves the air tight closure and shortens the required length of the plug (26) to minimize aesthetically displeasing sink marks in the plastic wall of the plug.

Figure: 1



Publication: After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01477/MUM A (22) Date of filing of Application: 23/10/2002
(PCT/EP01/04605)

(54) Title of the invention: SHAMPOO COMPOSITION CONTAINING AN MONOALKYL QUATERNARY AMMONIUM COMPOUND

(51) International classification: A61K 7/50	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 0010806.8	Address of the Applicant
(32) Date : 04/05/2000	HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, MUMBAI 400 020, INDIA
(33) Name of convention country : UNITED-KINGDOM	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) NOCERINO CECILE
(61) Patent of addition to application No.: NIL	2) TAN-WALKER, RUBY LOO BICK
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : An aqueous shampoo composition comprising, in addition to water an anionic cleansing surfactant, a cationic polymer, and a monoalkyl quaternary ammonium compound in which the alkyl chain length is C8 to C14.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01478/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/EP01/04724) Application:

(54) Title of the invention: HAIR TREATMENT COMPOSITION

<p>(51) International classification: A61K 7/16</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/566,114</p> <p>(32) Date : 05/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, MUMBAI 400 020, INDIA</p> <p>(72) Name of the Inventors:</p> <p>1) NEWELL GERALD PATRICK 2) MONTGOMERY CHARLES R. JR. 3) ABBOTT RICHARD A.</p>

(57) Abstract : There is described an aqueous, foamable composition delivered from a foaming device for conditioning, lightening and highlighting hair which comprises: (i) a conditioning agent, (ii) a peroxygen compound, (iii) an acid, and (iv) a foaming agent; said composition having a pH of 5 or less. There is also described a method for conditioning lightening and highlighting hair which comprises treating said hair with a composition of the invention.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01479/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/EP01/03929) Application:

(54) Title of the invention: POURABLE FRYING COMPOSITION

<p>(51) International classification: A23D 7/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00201631.9</p> <p>(32) Date : 04/05/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, MUMBAI 400 020, INDIA</p> <p>(72) Name of the Inventors:</p> <p>1) BAUER-PLANK CHRISTINA 2) VAN DEN KOMMER MARCELLE 3) SEGERS MARCEL C.H.M.</p>

(57) Abstract : Pourable frying products that comprise an ester of citric acid with a mono-or diglyceride show improved spattering behaviour.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01480/MUM A (22) Date of filing of 23/10/2002
No.: (PCT/EP01/04308) Application:

(54) Title of the invention: POURABLE SHORTENING COMPOSITION

(51) International classification: A23D 9/00	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LTD.
(31) Document No.: 00201664.0	Address of the Applicant
(32) Date : 09/05/2000	HINDUSTAN LEVER HOUSE, 165-166
(33) Name of convention country : EUROP	BACKBAY RECLAMATION,
(66) Filed U/s. 5(2) : NO	MUMBAI 400 020.
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) CORNELISSEN JOHANNES
(63) Divisional to Application No.: NIL	MATTHEUS
(64) Filed on: N.A.	2) VAN OOSTEN CORNELIS
	WILLEM
	3) SEGERS MARCEL CAROLINE
	H.M.

(57) Abstract : The invention relates to pourable shortening compositions comprising a salt and a citric acid ester of a partial fatty acid glyceride.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01481/MUM A (22) Date of filing of Application: 24/10/2002
(PCT/US01/11725)

(54) Title of the invention: LAMP UTILIZING FIBER FOR ENHANCED STARTING FIELD

(51) International classification: H01J 65/04

(30) Priority Data :

(31) Document No.: 60/199,810

(32) Date : 26/04/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

- 1) CORNELL RESEARCH FOUNDATION INC.
- 2) FUSION UV STSTEMS INC.
- 3) FUSION LIGHTING INC.

Address of the Applicant

- 1) SUITE 105, 20 THORNWOOD DRIVE, ITHACA, NY 14850
- 2) 910 CLOPPER ROAD, GAITHERSBURG, MD 20878
- 3) 7524 STANDISH PLACE, ROCKVILLE, MD 20855

(72) Name of the Inventors:

- 1) GOLKOWSKI CZESLAW
- 2) HAMMER DAVID
- 3) SONG BYUNGMOO
- 4) TIAN YONGLAI
- 5) CEKIC MIODRAG
- 6) URY MICHAEL G.
- 7) KIRKPATRICK DOUGLAS A.

(57) Abstract :

A discharge lamp bulb includes a light transmissive envelope and at least one conductive fiber disposed on a wall of the envelope, where the fiber has a thickness of less than 100 microns. The lamp may be either electrodeless or may include internal electrodes. Suitable materials for the fiber(s) include but are not limited to carbon, silicon carbide, aluminium, tantalum, molybdenum, platinum, and tungsten. Silicon carbide whiskers and platinum coated silicon carbide fibers may also be used. The fiber(s) may be aligned with the electrical field, at least during starting. The lamp preferably further includes a protective material covering the fiber(s). For example the protective material may be a sol gel deposited silica coating. Noble gases inside the bulb at pressures in excess of 300 Torr can be reliably ignited at applied electric field strengths of less than 4×10^5 V/m. Over 2000 Torr xenon, krypton, and argon respectively achieve breakdown with an applied field of less than 3×10^5 V/m.

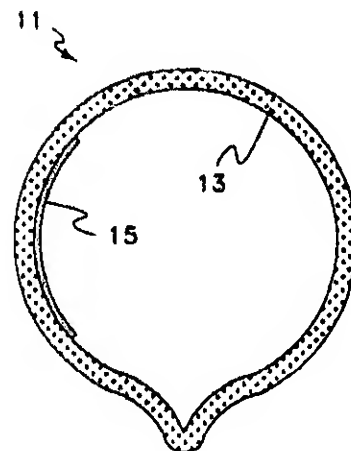


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01482/MUM A (22) Date of filing of Application: 24/10/2002
(PCT/US01/10383)

(54) Title of the invention: A NETWORK APPARATUS FOR SWITCHING BASED ON CONTENT OF APPLICATION DATA

(51) International classification: H04L 12/00

(30) Priority Data :

(31) Document No.: 09/549,041

(32) Date : 13/04/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

INTEL CORPORATION

Address of the Applicant

2200 MISSION COLEGE BOULE-
VARD, SANTA CLARA, CA 95052

(72) Name of the Inventors:

ABJANIC JOHN

(57) Abstract : A network apparatus is provided between a network and a plurality of processing nodes or servers. The network apparatus includes a content based message director (e.g. XML director) to route or direct messages received from the network to one of the processing nodes based upon the application data, including business transaction information.

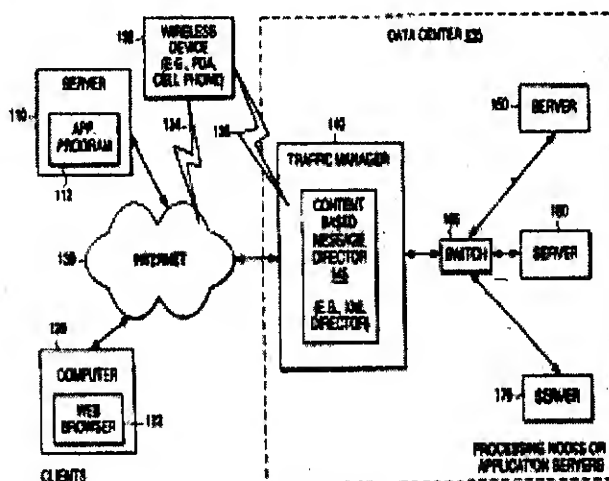


Figure : 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01483/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/AU01/00511) Application:

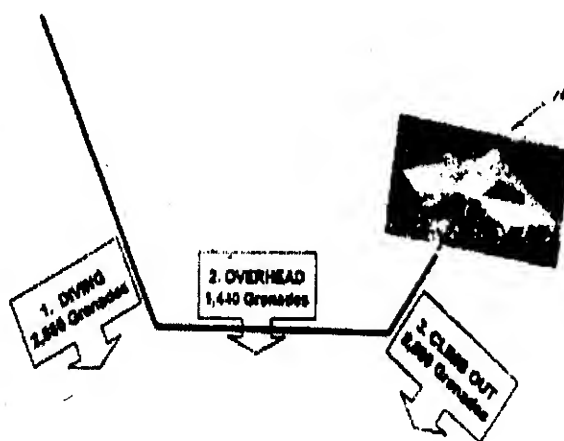
(54) Title of the invention: **ATTACK AIRCRAFT**

<p>(51) International classification: F41F 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: PQ 7379</p> <p>(32) Date : 08/05/2000</p> <p>(33) Name of convention country : AUSTRALIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>METAL STORM LIMITED</p> <p>Address of the Applicant</p> <p>LEVEL 34, 345 QUEEN STREET, BRISBANE QLD 4000</p> <p>(72) Name of the Inventors:</p> <p>O'DWYER JAMES MICHAEL</p>
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(57) Abstract :

Aircraft (10) carries at least two clusters of barrel assemblies. At least one cluster is oriented normal to the longitudinal axis of aircraft (10) and at least one other cluster is oriented parallel to the longitudinal axis of aircraft (10). Each cluster comprises a plurality of barrel assemblies, with each barrel having a plurality of axially disposed projectiles therein. Each projectile is associated with a discrete, sequentially activated propellant charge for propelling it through the muzzle of the barrel. Various methods of deploying a multiplicity of projectiles onto a target from aircraft (10) are also described and claimed. The projectiles deployment might occur at any time while aircraft (10) is approaching the target, overflying the target, or departing from the target. The projectiles may include smoke canisters, high explosive canisters, flares, electronic and thermal countermeasures, mines, grenades or cameras.

Figure: 1



Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01484/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/AU01/00556) Application:
- (54) Title of the invention: SLEEVED PROJECTILES

(51) International classification: F42B 12/74	(71) Name of the Applicant:
(30) Priority Data :	METAL STORM LIMITED
(31) Document No.: PQ 7499	Address of the Applicant
(32) Date : 15/05/2000	LEVEL 34, 345 QUEEN STREET, BRISBANE QLD 4000
(33) Name of convention country : AUSTRALIA	
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	O'DWYER JAMES MICHAEL
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) **Abstract** : Projectile (10) is for use with barrel assemblies of the type having a plurality of axially disposed projectiles within a bore and wherein discrete propellant charges are provided for propelling respective projectile sequentially from the bore. Projectile (10) comprises expandable sleeve (11) encircling at least part of core (12). Sleeve (11) and core (12) have wedging surfaces (14) operable to deform trailing part (21) of sleeve (11) into sealing engagement with the bore in response to pressures exerted on projectile (10). When projectiles (10) are axially disposed in the bore, rear face (24) of the leading projectile cooperates with leading face (20) of the trailing projectile to define a discrete space about spine (23) for receipt of the propellant charge. Sleeve (11) is retained about core (12) during travel to the target.

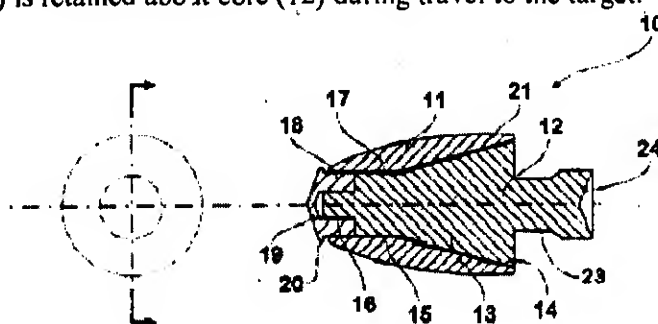


Figure: i

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01485/MUM A (22) Date of filing of Application: 24/10/2002
(PCT/JP02/02502)

(54) Title of the invention: ADDRESS INFORMATION RECORDING APPARATUS AND METHOD, AND ADDRESS INFORMATION REPRODUCING APPARATUS AND METHOD

(51) International classification: G11B 7/007

(30) Priority Data :

(31) Document No.: 2001-76228

(32) Date : 16/03/2001

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

SONY CORPORATION

Address of the Applicant

7-35 KITASHINAGAWA 6-CHOME,
SHINAGAWA-KU, TOKYO 141-0001,
JAPAN

(72) Name of the Inventors:

KOBAYASHI SHOEI

(57) Abstract : A method of recording address information by forming grooves wobbled with respect to an optical disk (5), comprising the step S1 of generating address information consisting of a synchronous signal, address data and address data error correction code, the step S2 of generating a phase modulation signal by multiplying a carrier signal by address information, and the step S3 of forming in the optical disk (5) grooves wobbled spirally and according to the phase modulation signal.

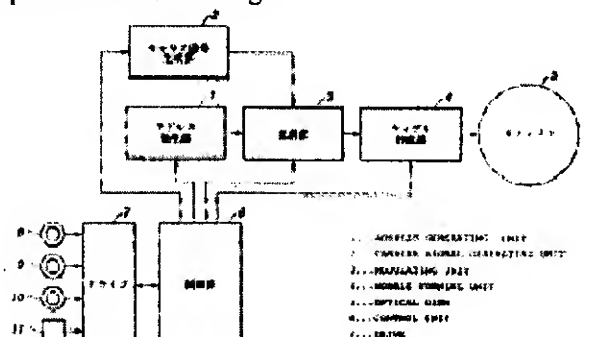


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01486/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/SE01/00932) Application:

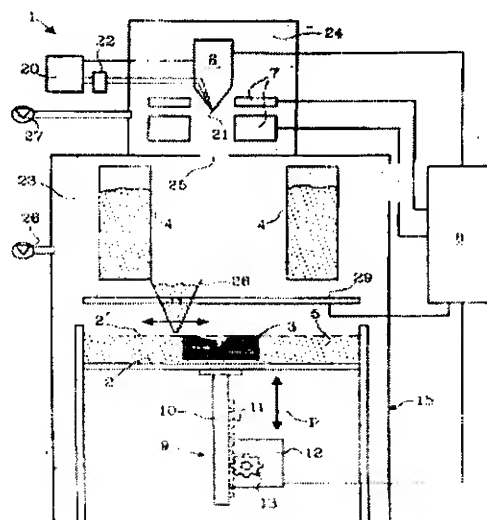
(54) Title of the invention: **DEVICE AND ARRANGEMENT FOR PRODUCING A THREE-DIMENSIONAL OBJECT**

<p>(51) International classification: B22F 3/105</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0001557.8</p> <p>(32) Date : 27/04/2000</p> <p>(33) Name of convention country : SWEDEN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ARCAM AB</p> <p>Address of the Applicant</p> <p>BOHUSGATAN 13,S-411 39 GOTEBORG</p> <p>(72) Name of the Inventors:</p> <p>1) ANDERSSON LARS-ER 2) LARSSON MORGAN</p>
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(57) Abstract :

A device for manufacturing a three-dimensional product, which device comprises a work table on which said three-dimensional product is to be built, a powder dispenser which is arranged to lay down a thin layer of powder on the work table for the formation of a powder bed, a ray gun for giving off energy to the powder whereby fusion of the powder takes place, members for controlling of the beam released by the ray gun across said powder bed for the formation of a cross section of said three-dimensional product through fusion of parts of said powder bed, and a controlling computer in which information about successive cross sections of the three-dimensional product is stored, which cross sections build the three-dimensional product, the controlling computer intended to control said members for guiding the ray gun across the powder bed according to a running schedule forming a cross section of said three-dimensional body, whereby said three-dimensional product is formed by successive fusion of successively formed cross sections from powder layers successively laid down by the powder dispenser.

Figure: 1



Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01487/MUM A (22) Date of filing of Application: 24/10/2002
(PCT/EP01/04548)

(54) Title of the invention: IR-ABSORBING COMPOSITIONS

<p>(51) International classification: C08K 3/22</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 22 037.1</p> <p>(32) Date : 05/05/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) BAYER AKTIENGESELLSCHAFT 2) INSTITUT FUR NEUE MATERIALIEN GEMEINNUTZIGE GMBH</p> <p>Address of the Applicant</p> <p>1) 51368 LEVERKUSEN, GERMANY 2) IM STADTWALD, GEBAUDE 43, 66123 SAARBRUCKEN, GERMANY</p> <p>(72) Name of the Inventors:</p> <p>1) DOBLER MARTIN 2) HOHEISEL WERNER 3) SCHMIDT HELMUT 4) NONNINGER RALPH 5) SCHICHEL MARTIN 6) JOST MARTIN</p>

(57) Abstract : The invention relates to compositions containing transparent thermoplastic polymers, surface-modified oxide particles with a particle size of less than 200 nm and organic NIR-absorbers. The invention also relates to the production of said compositions, to their use and to products manufactured from the same.

Figure: NIL

A automated transaction machine (20) with a cross-vender software and hardware platform architecture. The machine includes a computer (22) and a plurality of transaction function devices (32) in operative connection with the computer. The machine further includes a plurality of device driver components (38) that generally correspond to each of the transaction function devices. The device drivers are operative responsive to communication from an XFS layer (28) to control the operation of the transaction function devices. The machine further includes a terminal application (22) and an ODS layer (26). The ODS layer includes a plurality of ODS components (36) that generally correspond to the device drivers and/or transaction function devices. The ODS components responsive to the terminal application are operative to have the device drivers control the operation of the transaction function devices through communication with the XFS layer.

Publication After 18 months

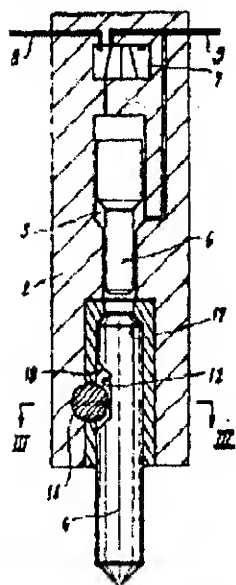
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01489/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/FR01/01403) Application:

(54) Title of the invention: PERCUSSIVE IMPLEMENT OF THE ROCK BREAKER TYPE

(51) International classification: B25D 17/08	(71) Name of the Applicant:
(30) Priority Data :	ETABLISSEMENTS MONTABERT
(31) Document No.: 00/06095	Address of the Applicant
(32) Date : 12/05/2000	203 ROUTE DE GRENOBLE, F-69800
(33) Name of convention country : FRANCE	SAINT PRIEST
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	COMARMOND JEAN SYLVAIN
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract :



The invention concerns an apparatus comprising a body (2) wherein a piston (6) is mounted sliding alternately driven by an incompressible fluid under pressure, said body containing part of a tool (4) which is guided in translation in a wear sleeve (3), the end of the tool located inside the body being subjected to the repeated impacts of the piston (6), while the other end projects beyond the body and is designed to be supported on the rock or analogue to be destroyed, the tool being retained in the body by at least a transverse key (13). One of the keys (13) retaining the tool passes through aligned holes provided in the body (2), into the wear sleeve (3), and overlaps inside the inner cylindrical space of the sleeve, the tool (4) having a transverse groove (12) for the key (13) to pass through.

Figure: 2

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01490/MUM A (22) Date of filing of Application: 24/10/2002
(PCT/US01/10814)

(54) Title of the invention: (5R)-(METHYLAMINO)-5,6-DIHYDRO-4H-IMIDAZO[4,5,1-ij] QUINOLINE-2(1H)-THIONE

(51) International classification: C07D 471/06

(30) Priority Data :

(31) Document No.: 1) 60/199,954 2) 60/234,101

(32) Date : 1) 27/04/2000 2) 21/09/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

PHARMACIA & UPJOHN COMPANY

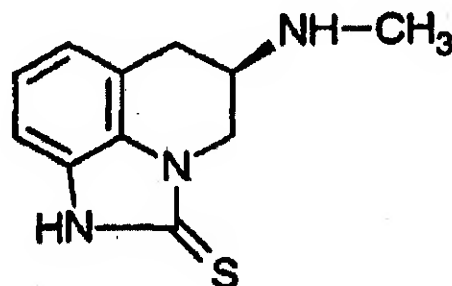
Address of the Applicant

301 HENRI ETTA STREET,
KALAMAZOO, MI 49001

(72) Name of the Inventors:

- 1) ACKER BRAD A.
- 2) HEIER RICHARD F.
- 3) JIN ALAN Q.
- 4) MOON MALCOLM W.

(57) Abstract : The present invention is a novel pharmaceutical agent, (5R)-5-(methy-lamino) -5,6-dihydro-4H-imidazo[4,5,1-ij] quinoline-2 (1H)-thione (Formula I) and pharmaceutically acceptable salts thereof.



(I)

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01491/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/US01/10806) Application:

(54) Title of the invention: **SELECTED COMPOUNDS FOR THE TREATMENT OF FIBROMYALGIA AND CHRONIC FATIGUE SYNDROMES**

(51) International classification: A61K 31/505	(71) Name of the Applicant:
(30) Priority Data :	PHARMACIA & UPJOHN COMPANY
(31) Document No.: 60/198,960	Address of the Applicant
(32) Date : 21/04/2000	301 HENRIETTA STREET, KALAMAZOO, MI 49001, U. S. A.
(33) Name of convention country : U. S. A.	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) ROBERTSON DAVID W.
(63) Divisional to Application No.: NIL	2) MCCALL ROBERT B.
(64) Filed on: N.A.	3) MARSHALL ROBERT C.

(57) Abstract : The present invention relates to the treatment of neuromuscular disorders and, more specifically, to the use of apomorphine, bromocriptine, pergolide, ropinirole, octahydropyrazolo[3,4-g]quinolines, and trans-(±)-substituted-5,5a,6,7,8,9-9a,10-oc-tahydropyrimido[4,5g]quinolines, and their pharmaceutically acceptable salts to treat, or to prepare a medicament for treating, symptoms of fibromyalgia syndrome and chronic fatigue syndrome.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01492/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/US01/10807) Application:
- (54) Title of the invention: COMPOUNDS FOR TREATING FIBROMYALGIA AND CHRONIC
FATIGUE SYNDROME

(51) International classification: C07D 471/00	(71) Name of the Applicant:
(30) Priority Data :	PHARMACIA & UPJOHN COMPANY
(31) Document No.: 1) 60/198,959 2) 60/200,569	Address of the Applicant
(32) Date : 1) 21/04/2000 2) 28/04/2000	301 HENRI ETTA STREET, KALAMAZOO, MI 49001, U. S. A.
(33) Name of convention country : U. S. A.	
(66) Filed U/s. 5(2) : YES	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) MCCALL ROBERT B. 2) MARSHALL ROBERT C. 3) ROBERTSON DAVID 4) ASHLEY THOMAS M.
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention provides for the use of a heterocyclic amine-type compound, a substituted phenylazacy- cloalkane-type compound, or a cabergoline-type compound to prepare a medicament for the treatment of symptoms of fibromyalgia syndrome, or chronic fatigue syndrome.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01493/MUM A (22) Date of filing of 24/10/2002
No.: (PCT/US01/13135) Application:

(54) Title of the invention: MINIMIZING ADVERSE EXPERIENCE ASSOCIATED WITH OXYBUTYNIN THERAPY

(51) International classification: A61F 13/00	(71) Name of the Applicant:
(30) Priority Data :	WATSON PHARMACEUTICALS INC.
(31) Document No.: 09/559,711	Address of the Applicant
(32) Date : 26/04/2000	311, BONNIE CIRLCE, CORONA, CALIFORNIA 92880, U. S. A.
(33) Name of convention country : U. S. A.	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	1) SANDERS STEVEN W.
(61) Patent of addition to application No.: NIL	2) EBERT CHARLES D.
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention provides compositions and method for administering oxybutynin while minimizing the incidence and or severity of adverse drug experiences associated with oxybutynin therapy. In one aspect, these compositions and methods provide a lower plasma concentration of oxybutynin metabolites, such as N-desethyloxybutynin, which is presumed to be contributing at least in part to some of the adverse drug experiences, while maintaining sufficient oxybutynin plasma concentration to benefit a subject with oxybutynin therapy. The invention also provides isomers of oxybutynin and its metabolites that meet these characteristics of minimized incidence and/or severity of adverse drug experiences, and maintenance of beneficial and effective therapy for overactive bladder

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01494/MUM A (22) Date of filing of Application: 25/10/2002
(PCT/SE01/01164)

(54) Title of the invention: NOVEL FORMULATIONS OF α -2,4-DISULFOPHENYL-N-TERT-BUTYLNITRONE

(51) International classification: A61K 31/15

(30) Priority Data :

(31) Document No.: 0001916-6

(32) Date : 23/05/2000

(33) Name of convention country : SWEDEN

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

ASTRAZENECA AB

Address of the Applicant

S-151 85 SODERTALJE, SWEDEN

(72) Name of the Inventors:

- 1) ANDERSSON MATS J.
- 2) ANDERSSON MATTIAS
- 3) ERIKSSON PATRIK

(57) Abstract : Novel pharmaceutical formulations of α -(2,4-disulfophenyl)-*N-tert*-butylnitrone and pharmaceutically acceptable salts thereof and the use of such formulations in the treatment of various diseases and conditions, especially stroke, are disclosed.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PC1/2002/01495/MUM A (22) Date of filing of Application: 25/10/2002
(PCT/US01/09490)

(54) Title of the invention: **FABRIC TREATMENT APPARATUS COMPRISING EASILY REMOVABLE TREATMENT TUBES**

<p>(51) International classification: D06C 11/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/570,426</p> <p>(32) Date : 12/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(60) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No : NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>MILLIKEN & COMPANY</p> <p>Address of the Applicant</p> <p>920 MILLIKEN ROAD, SPARTANBURG</p> <p>(72) Name of the Inventors:</p> <p>DISCHLER LOUIS</p>
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(57) Abstract : The present invention concerns easily removable treatment tubes from fabric treatment apparatuses in order to facilitate replacement of such rolls for treatment modification, cleaning, disposal, or any other desirable purposes. Such treatment tubes (102) are generally hollow and may be coated with any standard fabric treatment surface, including sandpaper, diamond grit wires, brushes, and the like. The ability to easily remove and dispose of such treatment tubes (102) thus provides a significant cost advantage to the manufacturer.

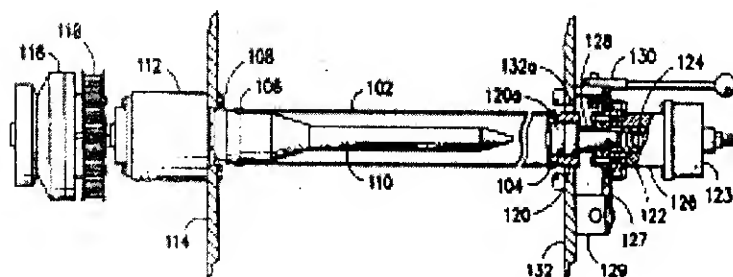


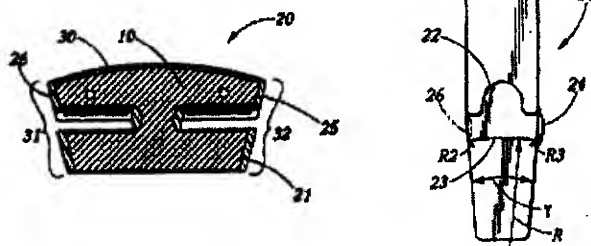
Figure: 2

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01496/MUM A No.: (PCT/US01/40682)	(22) Date of filing of Application: 25/10/2002
(54) Title of the invention: BLOCK TYPE CVT BELT	
<p>(51) International classification: F16G 5/16</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/202,930</p> <p>(32) Date : 09/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>THE GATES CORPORATION</p> <p>Address of the Applicant</p> <p>900 SOUTH BROADWAY, DENVER, CO 80209, U.S.A.</p> <p>(72) Name of the Inventors:</p> <p>1) SERKH ALEXANDER 2) BEAUPIED JOSEPH A. 3) CIEMNIECKI SCOTT</p>

(57) Abstract :



The block type CVT belt according to the present invention comprises at least one endless load carrier having tensile members. A plurality of blocks (20) are transversely engaged with the load carrier in a lengthwise direction of the belt. The center of gravity of each block is asymmetrically located in each block. Each block has thermoset or thermoplastic over-molding. The over-molding is attached to the metal block (10) by use of an adhesive. The preparation of the metal reinforcing member is accomplished by mechanical tumbling means, as opposed to chemical preparation. Each block also comprises at least one slot for receiving the load carrier. Each slot having an upper concave surface (22) and a lower surface (23) having a complex shape. The upper concave surface receives a corresponding convex surface or tooth on an upper surface of the tensile member. Each slot is provided with a complex radius between a central pillar and an upper and lower arm in order to avoid stress risers. The load carriers are slightly compressed in each groove to significantly reduce skew.

Figure: 2,3

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01497/MUM A (22) Date of filing of 25/10/2002
No.: (PCT/EP01/04843) Application:

(54) Title of the invention: USE OF IL-18 INHIBITORS FOR THE TREATMENT AND/OR
PREVENTION OF ATHEROSCLEROSIS

(51) International classification: A61K 39/00	(71) Name of the Applicant:
(30) Priority Data :	1) APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.
(31) Document No.: 00109606.4	2) INSERM - INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
(32) Date : 05/05/2000	Address of the Applicant
(33) Name of convention country : EUROPE	(72) 1) 15 PIETERMAAI, CURACAO, THE NETHERLANDS ANTILLES
(66) Filed U/s. 5(2) : NO	2) 101, RUE DE TOLBIAC, F-75654 PARIS CEDEX, FRANCE
(61) Patent of addition to application No.: NIL	Name of the Inventors:
(62) Filed on : N.A.	1) CHVATCHKO YOLANDE
(63) Divisional to Application No.: NIL	2) TEDGUI ALAIN
(64) Filed on: N.A.	3) MALLAT ZIAD

(57) Abstract : The invention relates to the use of an IL-18 inhibitor for the manufacture of a medicament for the treatment and/or prevention of atherosclerosis.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01498/MUM A (22) Date of filing of Application: 25/10/2002
(PCT/SE01/01271)

(54) Title of the invention: ASSAY FOR DETECTION OF TRANSFERASE ENZYME ACTIVITY
IN DRUG SCREENING

(51) International classification: C12Q 1/48

(71) Name of the Applicant:

(30) Priority Data :

ASTRAZENECA AB

(31) Document No.: 439/MAS/2000

Address of the Applicant

(32) Date : 08/06/2000

S-151 85 SODERTALJE

(33) Name of convention country : INDIA

(66) Filed U/s. 5(2) : NO

(72) Name of the Inventors:

(61) Patent of addition to application No.: NIL

1) DESOUSA SUNITA MARIA

2) SOLAPURE SURESH

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(57) Abstract : The invention provides methods for assaying the activity of the translocase enzyme and/or transferase enzyme involved in peptidoglycan biosynthesis in bacteria using scintillation proximity assay methodology. The methods are suitable for high throughput screening of potential anti-bacterial drugs.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01499/MUM A (22) Date of filing of 25/10/2002
No.: (PCT/SE01/01272) Application:

(54) Title of the invention: ASSAY FOR DETECTION OF TRANSLOCASE ENZYME ACTIVITY
IN DRUG SCREENING

<p>(51) International classification: C12Q 1/48</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 439/MAS/2000</p> <p>(32) Date : 08/06/2000</p> <p>(33) Name of convention country : INDIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ASTRAZENECA AB</p> <p>Address of the Applicant</p> <p>S-151 85 SODERTALJE</p> <p>(72) Name of the Inventors:</p> <p>1) DESOUSA SUNITA MARIA</p> <p>2) SOLAPURE SURESH</p>

(57) Abstract : The invention provides a methods for assaying the activity of the translocase enzyme involved in peptidoglycan biosynthesis in bacteria using scintillation proximity assay methodology. The method is suitable for high throughput screening of potential anti-bacterial drugs.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

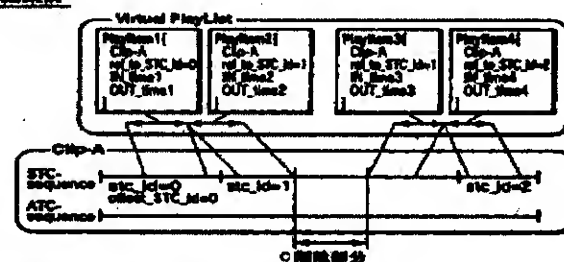
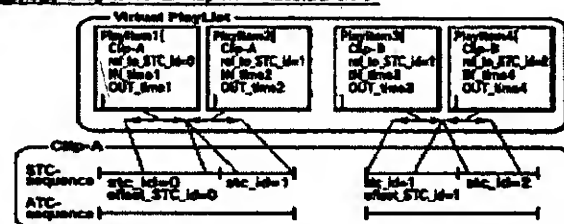
(21) Application IN/PCT/2002/01500/MUM A (22) Date of filing of 25/10/2002
No.: (PCT/JP01/10146) Application:

(54) Title of the invention: DATA RECORDING APPARATUS

<p>(51) International classification: G11B 27/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2001-65074</p> <p>(32) Date : 08/03/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SONY CORPORATION</p> <p>Address of the Applicant</p> <p>7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, 141-0001, JAPAN</p> <p>(72) Name of the Inventors:</p> <p>1) KATO MOTOKI 2) HAMADA TOSHIYA</p>
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(57) Abstract :

A data recorder for adequately managing the contents of data and reproduced info even if a part of AV data is deleted. When a part of a clip is deleted and an ATC-sequence becomes discontinuous, the value of an offset_STC_id of the first STC sequence on the ATC sequence is so determined that the value of the stc_id (value for identifying an STC-sequence) of each STC-sequence contained in the part of the ATC-sequence, after the ATC discontinuous point. The invention can be applied to a technique of recording an AV stream on an optical disc.

図 1**図 2** (PlayItem2 と PlayItem4 は変化した) (PlayItem2 and PlayItem4 have changed)

A... BEFORE EDITING
B... AFTER EDITING: PLAY ITEM 3 AND PLAY
ITEM 4 DO NOT CHANGE
C... DELETING THIS PART

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01501/MUM A (22) Date of filing of 25/10/2002
No.: (PCT/US00/16128) Application:

(54) Title of the invention: FLUOROCARBON MANUFACTURING PROCESS

<p>(51) International classification: C07C 17/10</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : NIL</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>E.I. DU PONT DE NEMOURS AND COMPANY</p> <p>Address of the Applicant</p> <p>1007 MARKET STREET, WILMINGTON, DE 19898, U. S. A.</p> <p>(72) Name of the Inventors:</p> <p>SUBRAMANIAN MUNIRPALLAM A.</p>

(57) Abstract : A process is disclosed for increasing the fluorine content of an olefinic compound of the formula $C_nH_mF_{2n-m}$, where n is an integer from 2 to 6 and m is an integer from 1 to 2n. The process involves (a) contacting the olefinic compound with a metal fluoride composition of the formula $(AgF)(MF_2)_x$ where M is selected from the group consisting of Mn, Fe, Co, Ni, Cu, Zn and mixtures thereof and x is a number from 0 to 1, at a temperature above 200°C sufficient to transfer F from the metal fluoride composition to the olefinic compound, thereby producing a chemically reduced metal fluoride composition comprising metallic silver, (b) oxidizing the reduced metal fluoride composition from (a) in the presence of HF to regenerate the metal fluoride composition of the formula $(AgF)(MF_2)_x$; and (c) recycling regenerated metal fluoride composition of (b) to (a). Also disclosed are a novel composition of the formula $Ag_{10}F_8C_2$; and a process for producing hexafluoroethane which involves heating $Ag_{10}F_8C_2$ to a temperature sufficient for its decomposition.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01502/MUM A (22) Date of filing of 25/10/2002
No.: (PCT/JP02/01616) Application:

(54) Title of the invention: DECOMPRESSION DEVICE OF 4 STROKE CYCLE INTERNAL COMBUSTION ENGINE

(51) International classification: F01L 13/08
(30) Priority Data :
(31) Document No.: 2001-086780
(32) Date : 26/03/2001
(33) Name of convention country : JAPAN
(66) Filed U/s. 5(2) : NO
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

(71) Name of the Applicant:

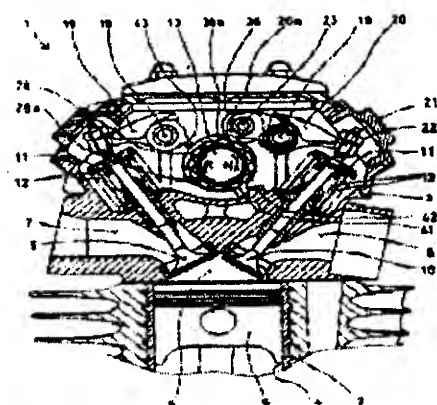
HONDA GIKEN KOGYO KABUSHIKI KAISHA

Address of the Applicant

1-1, MINAMIAOYAMA 2-CHOME,
MINATO-KU, TOKYO 107-8556,
JAPAN,

(72) Name of the Inventors:

- 1) OGASAWARA ATSUSHI
- 2) ONOZAWA SEIJI
- 3) IKUI KUNIAKI

(57) Abstract :

A decompressor simple in construction, small in size and low in cost for a 4-stroke cycle internal combustion engine (1) including suction and exhaust valves (9, 10) driven by suction and exhaust cams (27, 28) integral with a cam shaft (13), the decompressor comprising a decompression cam (38) rotatably fitted on the cam shaft (13), a one-way clutch (29) that is fitted on the cam shaft (13) adjacent the decompression cam (38) so as to be able to transmit reverse rotation torque to the decompression cam (38) only during the reverse rotation of the cam shaft (13), a torque limiter (40) interposed between the decompression cam (38) and one-way clutch (29), decompression stops (42, 43) that are disposed in a fixed portion and that are adapted to engage an engaging portion (41) formed in the decompression cam

(38) to lock the decompression cam (38) at two places in the directions of forward and backward rotation of the decompression cam (38), the lift of the cam portion (38a) of the decompression cam (38) being set higher than the base circle of the exhaust cam (28) and lower than the maximum lift of the cam portion (28a) of the exhaust cam (28), it being arranged that an exhaust valve (10) will not be opened by the decompression cam according to the locked state of the engaging portion engaging the decompression cam stop (43) during forward rotation of the cam shaft (13).

Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01503/MUM A (PCT/JP02/02150)	(22) Date of filing of Application: 25/10/2002
(54) Title of the invention: DISC-SHAPED RECORDING MEDIUM, CUTTING APPARATUS FOR SAME, AND DISC DRIVE	
(51) International classification: G11B 7/007 (30) Priority Data : (31) Document No.: 1) 2001-68290 2) 2001-122905 (32) Date : 1) 12/03/2001 2) 20/04/2001 (33) Name of convention country : JAPAN (66) Filed U/s. 5(2) : NO (61) Patent of addition to application No.: NIL (62) Filed on : N.A. (63) Divisional to Application No.: NIL (64) Filed on: N.A.	(71) Name of the Applicant: SONY CORPORATION Address of the Applicant 7-35 KITASHINAGAWA 6-CHOME SHINAGAWA-KU, TOKYO, 141-0001, JAPAN (72) Name of the Inventors: 1) IIMURA SHINICHIRO 2) KOBAYASHI SHOEI

(57) Abstract : An optical disc having a circular track formed as a groove and/or land for recording data and wobbled. The track wobbling is performed on a constant unit of an FSK information bit portion based on a waveform obtained by FSK modulation of an information bit and a single

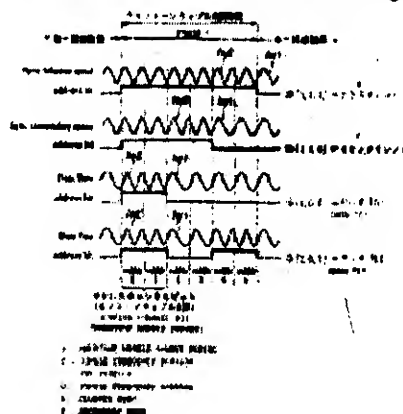


Figure: 6

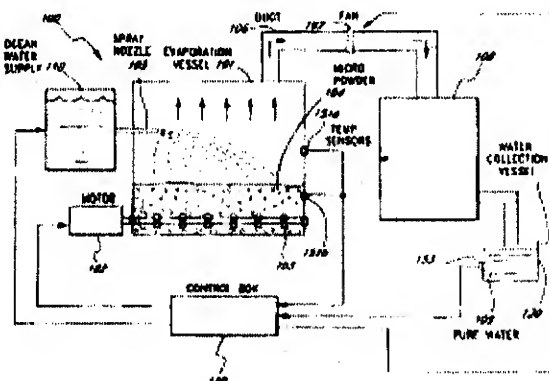
Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01504/MUM A (22) Date of filing of 28/10/2002
No.: (PCT/US01/10574) Application:

(54) Title of the invention: IMPROVED DESALINATION OF OCEAN WATER

<p>(51) International classification: C02F 1/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000-96811</p> <p>(32) Date : 31/03/2000</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>BIOMASS CONVERSIONS L.L.C.</p> <p>Address of the Applicant:</p> <p>SQUIRE SAUNDERS, 14TH FLOOR, 801 SOUTH FIGUEROA STREET, LOS ANGELES, CA 90017</p> <p>(72) Name of the Inventors:</p> <p>HATA SELJI</p>
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(57) Abstract :

The present invention is an improved type of distillation of water. Usual distillation is related to a liquid's boiling point. However, it is possible to distill significant quantities of water at temperatures well below the boiling point. During distillation a compound is taken from a liquid-phase to the gas phase and then condensed to the liquid again to get a pure liquid. The present invention uses water sprayed (105) and adsorbed onto a solid surface such as micro-powder (104) made from wood as a starting material. Absorbing water onto such a surface results in rapid evaporation with a relatively low temperature gradient when the water and particles are agitated. The present invention could be characterized as solid-phase distillation.

Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01505/MUM A (PCT/JP02/01083)	(22) Date of filing of Application: 28/10/2002
(54) Title of the invention: VEHICLE-USE LIQUID CRYSTAL DISPLAY DEVICE	
(51) International classification: G02F 1/133 (30) Priority Data : (31) Document No.: 2001-61705 (32) Date : 06/03/2001 (33) Name of convention country : JAPAN (66) Filed U/s. 5(2) : NO (61) Patent of addition to application No.: NIL (62) Filed on : N.A. (63) Divisional to Application No.: NIL (64) Filed on: N.A.	(71) Name of the Applicant: HONDA GIKEN KOGYO KABUSHIKI KAISHA Address of the Applicant: 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN, (72) Name of the Inventors: 1) MORI DAZUHIKO 2) HATAYAMA ATSUSHI

(57) Abstract :

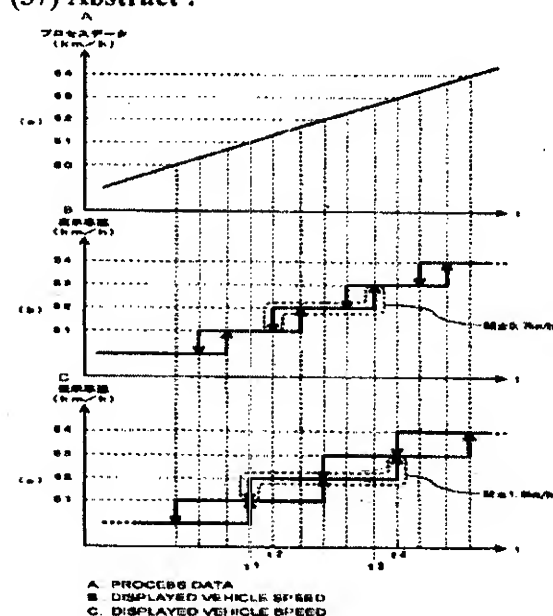


Figure: 6

A liquid crystal display device for vehicle capable of assuring a high visibility even under low temperature environment without increasing a power consumption and size, wherein, as shown in Fig. (b), a displayed vehicle speed D_{dis} according to a vehicle speed D shown in Fig. 6 (a) is switched with a hysteresis of a speed ± 0.7 Km/h under a room temperature or a high temperature environment of 45°C or higher, i.e., even if the vehicle speed D is varied between 51.4 and 52.6 Km/h, the displayed vehicle speed D_{dis} is maintained at 52 Km/h and, as shown in Fig. (c), the displayed vehicle speed D_{dis} is switched with a hysteresis of a speed ± 1.0 Km/h under a low temperature environment of less than 45°C , whereby, even if the vehicle speed D is varied between 51.1 and 52.9 Km/h, the displayed vehicle speed D_{dis} can be maintained at 52 Km/h.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01506/MUM A (22) Date of filing of Application: 28/10/2002
(PCT/US01/14625)

(54) Title of the invention: METHOD OF MAKING BLEACHING CLAY

(51) International classification: B01J 21/16

(30) Priority Data :

(31) Document No.: 09/566,111

(32) Date : 05/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

OIL-DRI CORPORATION OF AMERICA

Address of the Applicant

410 NORTH MICHIGAN AVENUE,
CHICAGO, IL 60611

(72) Name of the Inventors:

- 1) COUNCIL STEVEN T.
- 2) HERPFER MARE A.
- 3) SHAKED DOV
- 4) BANIN AMOS

(57) Abstract : A bleaching clay having an enhanced bleaching performance in oils is produced by first beneficiating a raw clay to remove sand and thereafter conditioning and then concentrating the beneficiated clay with a pH modifier and a Lewis acid salt.

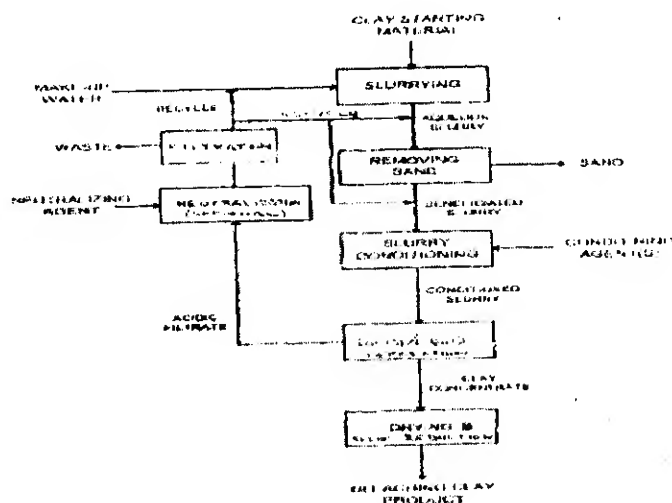


Figure: 1

Publication After 18 months

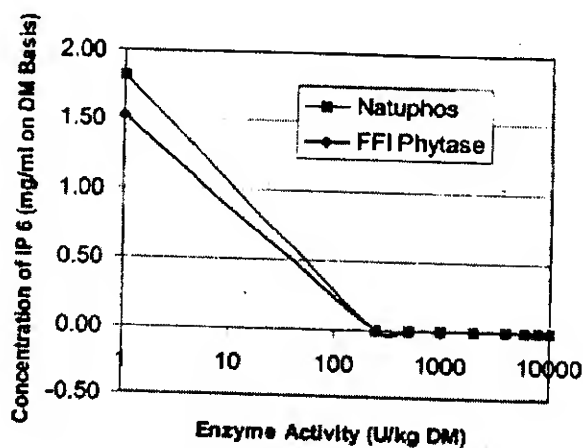
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01507/MUM A (22) Date of filing of Application: 28/10/2002
(PCT/CA01/00693)

(54) Title of the invention: **FRACTIONATION AND PROCESSING OF OIL SEED MEAL**

<p>(51) International classification: A23J 1/14</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/204,120</p> <p>(32) Date : 15/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>UNIVERSITY OF SASKATCHEWAN TECHNOLOGIES INC.</p> <p>Address of the Applicant:</p> <p>304 KIRK HALL, 117 SCIENCE PLACE, SASKATOON. SSKATCHEWAN S7N 5C8</p> <p>(72) Name of the Inventors:</p> <p>1) MAENZ DAVID D. 2) NEWKIRK REX W. 3) CLASSEN HENRY L. 4) TYLER ROBERT T.</p>
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(57) Abstract :



The present invention relates to a process for the aqueous extraction, fractionation and enzymatic treatment of oilseed materials to generate valued products with no significant low value by-product or waste streams. In particular, the fractionation scheme generates a protein-fibre feed ingredient principally for use with ruminant animals and a second dephytinized high protein fraction. The dephytinized high protein fraction has value as feed ingredient for a variety of species of animals.

Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01508/MUM A (22) Date of filing of 28/10/2002
No.: (PCT/US01/14408) Application:

(54) Title of the invention: TRANSGENICALLY PRODUCED DECORIN

(51) International classification: A61K 38/00	(71) Name of the Applicant:
(30) Priority Data :	1) GTC BIOTHERAPEUTICS INC.
(31) Document No.: 60/201,932	2) INTEGRA LIFSCIENCES CORP.
(32) Date : 05/05/2000	Address of the Applicant
(33) Name of convention country : U. S. A.	1) 175 CSROSSING BOULEVARD, POST OFFICE BOX 9322, FRAMINGHAM, MA 01701-9322, UNITED STATES OF AMERICA
(66) Filed U/s. 5(2) : NO	2) 11045 ROSELLE STREET, SAN DIEGO CA LIFORNIA 92121, UNITED STATES OF AMERICA
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) MEADE HARRY M.
(63) Divisional to Application No.: NIL	2) PIERSCHBACHER MICHAEL
(64) Filed on: N.A.	

(57) Abstract : Transgenically produced decorin and methods of making and using transgenically produced decorin.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01509/MUM A (22) Date of filing of 28/10/2002
No.: (PCT/US01/40484) Application:

(54) Title of the invention: STREPTOMYCES STRAIN WITH INSECTICIDAL ACTIVITY AND METHOD OF USING AS AN INSECTICIDE

<p>(51) International classification: C12N 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/548,882</p> <p>(32) Date : 13/04/2000</p> <p>(33) Name of convention country : U. S. A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>AGRAQUEST, INC.</p> <p>Address of the Applicant</p> <p>1530 DREW AVENUE, SUITE 4, DAVIS, CA 95616, U. S. A.</p> <p>(72) Name of the Inventors:</p> <p>1) LEHMEN LORI JO 2) ORJALA JIMMY ENSIO 3) MANKER DENISE CAROL 4) JIMENEZ DESMOND RITO 5) BAUM NANCY ANN 6) MARONE PAMELA GAIL</p>

(57) Abstract : A novel strain of *Streptomyces galbus* that produces metabolites and exhibits pesticidal activity is disclosed. In addition, a supernatant of the novel strain with pesticidal activity is disclosed. An ethyl acetate-soluble, small molecular weight, alkali stable, metabolite produced by the novel strain *Streptomyces galbus* with pesticidal activity against lepidopteran insects is provided. Also included are methods for fermenting the novel strain of *Streptomyces galbus* and increasing the bioactivity of the pesticidal activity. Also included are methods for protecting or treating plants from caterpillars comprising the step of applying to a plant an effective amount of the novel *Streptomyces galbus* train, the metabolites produced by the strain, or a combination thereof.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01510/MUM A (22) Date of filing of 28/10/2002
No.: (PCT/AU01/00607) Application:

(54) Title of the invention: **DIRECTIONAL CONTROL OF MISSILES**

(51) International classification: F42B 10/60	(71) Name of the Applicant:
(30) Priority Data :	METAL STORM LIMITED
(31) Document No.: PQ7763	Address of the Applicant
(32) Date : 25/05/2000	LEVEL 34, 345 QUEEN ST, BRISBANE,
(33) Name of convention country : AUSTRALIA	QUEENSLAND 4000
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	O'DWYER JAMES MICHAEL
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) **Abstract** : Missile (10) includes one or more of barrel assemblies (11) which are displaced from the centre of gravity of missile (10). Each barrel assembly (11) includes a plurality of projectiles axially disposed within the barrel, and each projectiles is associated with a discrete propellant charge for propelling the projectile sequentially from the barrel. Each array of barrel assemblies (11) is capable of selectively firing the projectiles from selected barrels whereby missile (10) is accelerated by the reactionary force generated by said firing of projectiles and the missile is deflected onto a new course or trajectory. This enables missile (10) to be steered to intercept its target even if the target is undertaking evasive manoeuvre. Each barrel assembly (11) can include up to twelve projectiles.

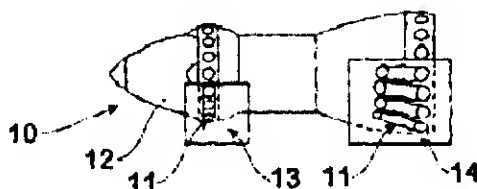


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01511/MUM A (22) Date of filing of 28/10/2002
No.: (PCT/US01/12531) Application:

(54) Title of the invention: APPARATUS AND METHOD FOR CONTINUOUS SURFACE
MODIFICATION OF SUBSTRATES

(51) International classification: B01J 19/08

(30) Priority Data :

(31) Document No.: 60/197, 836

(32) Date : 14/04/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

REIMER KARL

Address of the Applicant

1688 ROCKVILLE ROAD, SUISUN
CITY, CA 94585

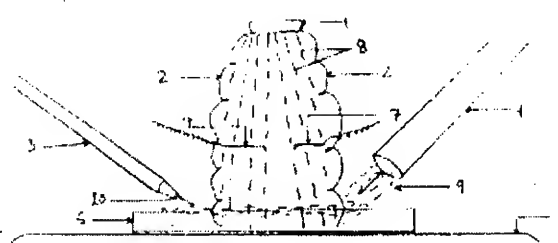
(72) Name of the Inventors:

REIMER KARL

(57) Abstract :

In accordance with the present invention, an apparatus and method are provided for preparing a substrate (5) for adhering a material onto the surface of the substrate (5). The surface of the substrate (5) to be prepared is exposed to electromagnetic radiation comprising ultra-violet radiation, whereby the substrate surface is decontaminated and/or modified by exposure to the ultra-violet radiation. Also disclosed is the use of an electro-ionization device and/or an infra-red radiation source in conjunction with the electromagnetic radiation to modify the surface of the substrate (5) to be prepared. Additionally, the use of gaseous components to modify the chemical functionalities on the substrate's (5) surface is described. The invention has diverse applications, including, shoe fabrication, aircraft and space vehicle manufacture, automobile manufacturing and deposition of biochemical samples onto microarray well-plates.

Figure: 1



Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01512/MUM A (22) Date of filing of 28/10/2002
No.: (PCT/KR00/00415) Application:

(54) Title of the invention: DEPLETION METHOD OF BLOOD PLASMA ASCORBATE

(51) International classification: A61K 38/44

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

JIN YANG PHARMA CO. LTD.

Address of the Applicant

1338-25, SEOCHO-DONG, SEOCHO-GU, SEOUL 137-860, REPUBLIC OF KOREA AND CHAN HYUNG PARK

(72) Name of the Inventors:

1. PARK CHAN HYUNG
2. BOO YONG C

(57) Abstract :

Artificial modulation of ascorbate level was investigated in mice capable of *de novo* synthesis of ascorbate. When mice were given exogenous ascorbate or its physiological precursor, L-gulono- gamma -lactone, the plasma level of ascorbate was elevated substantially but immediately returned to the basal levels. Comparably, the administration of ascorbate oxidase caused a rapid disappearance of plasma ascorbate but followed by an immediate restoration of ascorbate. These results indicate the difficulties encountered in the modulation of ascorbate level in the animal. However, the circulation life of the exogenous ascorbate oxidase in the animal was successfully extended by chemical modification with methoxypolyethylene glycol. The modified enzyme retained a full activity and exerted a remarkably prolonged depletion of plasma ascorbate compared with the native enzyme. This study suggests that the chemically modified ascorbate oxidase should find many uses in the animal studies on ascorbate since it was found to deplete plasma ascorbate even in the ascorbate-synthesizing animal in the absence of dietary control. The enzyme should prove to be useful in tumor control because there are tumor systems in mice and man amenable to the manipulation of ascorbate level.

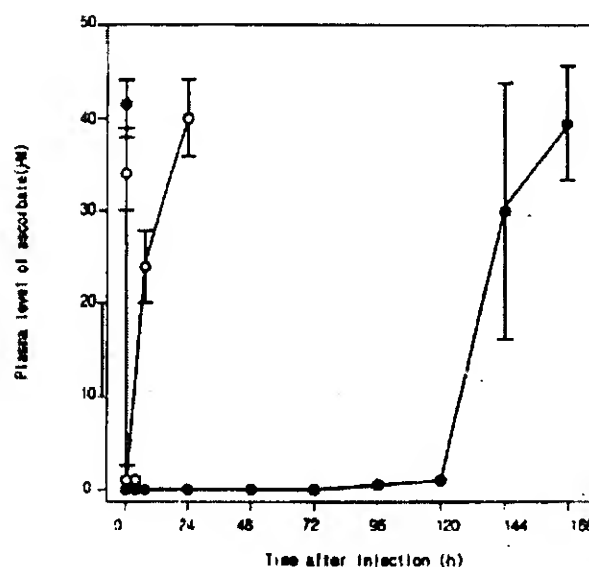


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01513/MUM A (22) Date of filing of Application: 29/10/2002
(PCT/EP01/04844)

(54) Title of the invention: FUNGICIDAL COMBINATIONS OF ACTIVE AGENTS

(51) International classification: A01N 43/54	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 1) 100 22 951.4 2) 101 03 832.1	Address of the Applicant
(32) Date : 1) 11/05/2000 2) 29/01/2000	51368 LEVERKUSEN
(33) Name of convention country : GERMAN	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) MAULER -MACH-NIK ASTRID
(63) Divisional to Application No.: NIL	2) WACHENDORFF-NEU-ANN
(64) Filed on: N.A.	3) GAYER HERBERT

(57) Abstract : The invention relates to novel combinations of active agents, consisting of compounds of formula (I) and known active agents, and to their use for controlling phytopathogenic fungi.

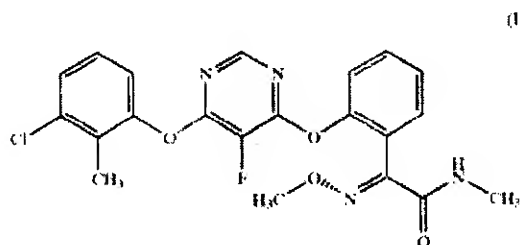


Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01514/MUM A (22) Date of filing of 29/10/2002
No.: (PCT/GB01/03846) Application:

(54) Title of the invention: REFRACTORY ARTICLES

<p>(51) International classification: B22C 9/08</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0021343.9 2) 0022676.1 3) 0025411.0 4) 0107872.4</p> <p>(32) Date : 1) 31/08/2000 2) 15/09/2000 3) 17/10/2000 4) 29/03/2001</p> <p>(33) Name of convention country : GREAT BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>FOSECO INTERNATIONAL LIMITED</p> <p>Address of the Applicant:</p> <p>BURMAH CASTROL HOUSE, PIPERS WAY, SWINDON, WILTHIRE SN3 1RE, GREAT BRITAIN</p> <p>(72) Name of the Inventors:</p> <p>1) BELL DAVID ALAN 2) JONES DAVID LLEWELLYN 3) JUMA KASSIM</p>
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(57) Abstract : A filter for molten metal is an open-pored porous material comprising particles of refractory material embedded in and bonded together by a carbon matrix bonding material. The filter can be made by forming a porous article from refractory particles, e.g. refractory oxide, carbide or graphite, and a carbon-rich binder, e.g. tar, pitch or an organic (preferably aromatic) polymer that degrades to form carbon on pyrolysis, and then firing the porous article to generate the carbon matrix in which the refractory particles are embedded. The porous article is preferably made by coating reticulated polyurethane foam with binder and refractory particles, and firing at preferably no higher than 800°C

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01515/MUM A (22) Date of filing of 29/10/2002
No.: (PCT/EP01/05140) Application:

(54) Title of the invention: POLYMER BLENDS CONTAINING POLYAMIDE AND RUBBER
MODIFIED POLYMERS PRODUCED BY A MASS POLYMERISATION METHOD

(51) International classification: C08L 77/00	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 1) 100 24 933.7, 2) 100 24 935.3, 3) 101 09 225.3	
(32) Date : 1) 19/05/2000 2) 19/05/2000 3) 26/02/2001	Address of the Applicant
(33) Name of convention country : GERMANY	51368 LEVERKUSEN, GERMANY
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) WARTH HOLGER 2) QUAAS GERWOLF 3) WITTMANN DIETER
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The invention relates to polymer blends comprising A) polyamide; B) a graft polymer produced by means of a mass-, solution-, or mass-suspension-polymerisation method from; B1) 50-99 wt. % of one or several vinyl monomers, B2) 50-1 wt. % of one or several graft backbones with a glass transition temperature of <10 °C, or impact-resistant polystyrene; C) at least one compatibility mediator comprising at least one thermoplastic polymer with polar groups and, optionally; D) at least one vinyl (co) polymer.

Figure: NIL

Publication After 18 months

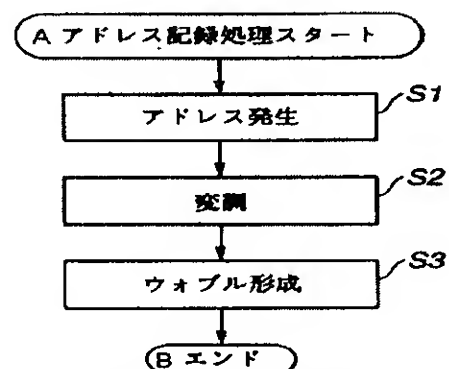
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application IN/PCT/2002/01516/MUM A (22) Date of filing of 29/10/2002
No.: (PCT/JP02/02615) Application:
- (54) Title of the invention: METHOD OF, AND APPARATUS FOR RECORDING ADDRESS INFORMATION TO DISC MEDIUM

(51) International classification: G11B 7/007	(71) Name of the Applicant:
(30) Priority Data :	SONY CORPORATION
(31) Document No.: 1) 2001-78239 2) 2001-170610	Address of the Applicant
(32) Date : 1) 19/03/2001 2) 06/06/2001	7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO-141-0001
(33) Name of convention country : GERMANY	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) KOBAYASHI SHOEI
(63) Divisional to Application No.: NIL	2) KOBAYASHI NOBUYOSHI
(64) Filed on: N.A.	3) YAMAGAMI TAMOTSU
	4) IIMURA SHINICHIRO

(57) Abstract :

In step S1, an address generation block generates and pre-encodes a synchronization signal, address data, and address information composed of an error correction code of the address data which are to be recorded on an optical disc and outputs them to a modulation block. Simultaneously with this, a carrier signal generation block generates a carrier signal for carrying the address information and outputs it to the modulation block. In step 2, the modulation block MSK-modulates the carrier signal input from the carrier signal generation block with the pre-encoded address information input from the address generation block and the obtained MSK-modulated signal is output to a wobble formation block. In step S3, the wobble formation block forms on the optical disc a spiral groove wobbled in accordance with the MSK-modulated signal input from the modulation block. On this optical disc, an arbitrary address can be accessed rapidly.



A... ADDRESS RECORDING START
S1...ADDRESS GENERATION
S2...MODULATION
S3...WOBBLE FORMATION
B...END

Figure: 12

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01517/MUM A (PCT/US01/12480)	(22) Date of filing of Application: 29/10/2002
(54) Title of the invention: SWITCHING VALVE AND A REGENERATIVE THERMAL OXIDIZER INCLUDING THE SWITCHING VALVE	
<p>(51) International classification: F27D 17/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/572,129</p> <p>(32) Date : 17/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2): NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>MEGTEC SYSTEMS INC.</p> <p>Address of the Applicant:</p> <p>830 PROSPER ROAD, DEPERE, WI 54115</p> <p>Name of the Inventors:</p> <p>(72) CASH JAMES T.</p>

(57) **Abstract :** Switching valve and a regenerative thermal oxidizer (10) including the switching valve (20). The valve of the present invention exhibits excellent sealing characteristics and minimizes wear. The valve (20) has a seal plate (100) that defines two chambers (25), each chamber being a flow port that leads to one of two regenerative beds of the oxidizer (10). The valve also includes a switching flow distributor (50) which provides alternate channeling of the inlet or outlet process gas to each half of the seal plate (100). The valve operates between two modes: a stationary mode and a valve movement mode. In the stationary mode, a tight gas seal is used to minimize or prevent process gas leakage. The gas seal also seals during valve movement.

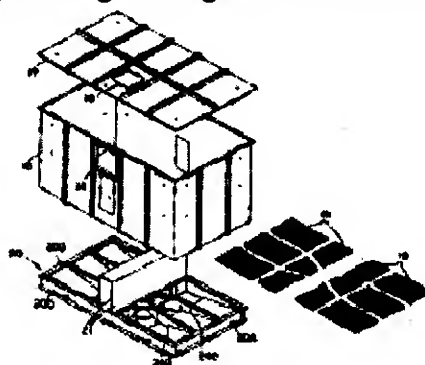


Figure: 2

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01518/MUM A (22) Date of filing of 29/10/2002
No.: (PCT/AU01/00606) Application:

(54) Title of the invention: FORMING TEMPORARY AIRBORNE IMAGES

(51) International classification: F42B 4/24
(30) Priority Data :
(31) Document No.: PQ 7795
(32) Date : 26/05/2000
(33) Name of convention country : AUSTRALIA
(66) Filed U/s. 5(2): NO
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

(71) Name of the Applicant:

METAL STORM LIMITED

Address of the Applicant:

LEVEL 34, 345 QUEEN STREET,
BRISBANE, QUEENSLAND 4000

(72) Name of the Inventors:

O'DWYER JAMES MICHAEL

(57) Abstract :

Barrel assembly (10) includes rifled barrel (11) loaded with several pyrotechnic projectiles (12) for selective firing by an electronically controlled system. Each projectile (12) includes body (14), housing (15) containing pyrotechnic material (16), and trailing collar (17) supported on trailing hub (18) of body (14) for limited axial movement. Collar (17) includes leading wall (20) abutting trailing wall (21) of housing (15) and an internally tapered thickened rear part (24) engaging nose (25) of trailing projectile (12) to wedge into sealing engagement with barrel (11). Hub (18) supports propellant capsule (30) connected by electrical leads (31) to contacts (32) on outer cylindrical wall (33) of housing (12). Complementary contacts (34) are supported in barrel (11). Alignment of contacts (34) with contacts (32) occurs during the loading process. Fuse (35) extends between capsule (30) and primer (36) so that material (16) explodes a set time after firing projectile (12) from barrel (11).

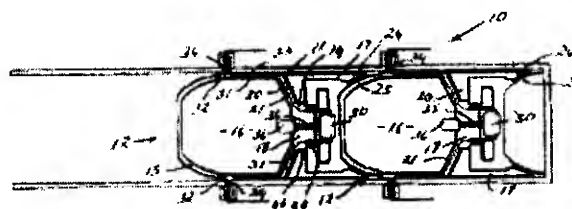


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01519/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/BE01/00084) Application:

(54) Title of the invention: EGGS WITH BALANCED LIPID COMPOSITION

<p>(51) International classification: A23L 1/32</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00870109.6</p> <p>(32) Date : 18/05/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>BELOVO</p> <p>Address of the Applicant:</p> <p>EGG SCIENCE AND TECHNOLOGY, INDUSTRIAL AREA, 1, B-6600 BASTOGNE, BELGIUM</p> <p>(72) Name of the Inventors:</p> <p>1) REMACLE CLAUDE 2) LIGNIAN JACQUES 3) ERPICUM THOMAS 4) DE MEESTER FABIEN 5) COUCKE LUE 6) SIM JEONG 7) SCHMIDT CHRISTIAN</p>

(57) Abstract : The present invention is related to an egg obtained from a domesticated bird, in particular a layer, having a lipid fraction balanced in seed and green plant-type 6 and 3 fatty acids according to the ratio of seeds plant-type 6 fatty acids /green plant-type 3 fatty acids = 1:1± 10% and having a lipid fraction is balanced between polyunsaturated and saturated fatty acids according to the ratio of polyunsaturated / saturated fatty acids = 1:1± 10%. The present invention is also related to a feed composition of exclusive vegetarian origin and suitable for poultry and a method for obtaining such egg from said poultry animals.

Figure: NIL

Publication After 18 months

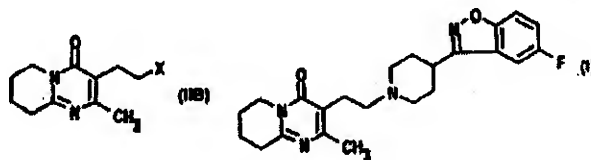
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01520/MUM A (22) Date of filing of Application: 30/10/2002
(PCT/IN00/00053)

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF ANTI-PSYCHOTIC 3-[2[4 (6-fluoro-1,2-benzisoxazol-3-yl)-1-[piperidinyl]-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one

<p>(51) International classification: C07D 471/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : NIL</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>RPG LIFE SCIENCES LIMITED</p> <p>Address of the Applicant:</p> <p>21 D SUKHADVALA, MUMBAI 400 001, MAHARASHTRA,</p> <p>(72) Name of the Inventors:</p> <p>1) RADHAKRISHNAN TARUR VENKATASUBRAMANIAN 2) SATHE DHANANJAY GOVIND 3) SURYAVANSHI CHANDRAKANT VASANTRAO</p>
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(57) Abstract :



A process for the preparation of 3-substituted ethyl-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one of formula (IIB) where X may be halo, acyloxy, or sulfonyloxy such as tosyloxy or mesyloxy, an intermediate in the synthesis of the anti-psychotic risperidone. The process comprises hydrogenation of 3-substituted ethyl-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one in aqueous inorganic acid medium at atmospheric to 60 psi at 0-100° C in the presence of a metal catalyst and the product is isolated. A process for the preparation of risperidone of formula (I) comprising condensation of 3-substituted ethyl-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one with 6 fluoro-3-(4-piperidinyl)-1, 2-benzisoxazole in water in the presence of an inorganic base at 25 - 100 DEG C and the product is isolated.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01521/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/US00/17161) Application:
- (54) Title of the invention: **BRANCHED/BLOCK COPOLYMERS FOR TREATMENT OF KERATINOUS SUBSTRATES**

<p>(51) International classification: C08F 265/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/594,321</p> <p>(32) Date : 15/06/2000</p> <p>(33) Name of convention country : U. S. A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>NOVEON IP HOLDINGS CORP.</p> <p>Address of the Applicant:</p> <p>9911 BRECKSVILLE ROAD, BRECKSVILLE, OH 44141-3247</p> <p>(72) Name of the Inventors:</p> <p>1) GALLEGUILLOS RAMIRO 2) SMITH DAVID J. 3) CONSTANTINO STEVEN A. 4) HASMAN DANIEL F. JR.</p>

(57) Abstract : A block copolymer for hair styling compositions includes hydrophilic and hydrophobic blocks which allow for optimization of desirable characteristics of the hair styling composition, such as flow onto the hair, prevention of curl droop, style retention at high humidity, tack, hardness, resistance to flaking, restylability, volumizing, and washability from the hair. The copolymer includes a polyacrylate backbone of hydrophobic blocks, with hydrophilic acrylate side chains. The copolymer is suitable for the formulation of a number of personal care, household, hair care, skin care and other formulations. The copolymer is suited to incorporation into low VOC hydro-alcoholic hair styling compositions to meet reduced VOC regulations.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01522/MUM A (22) Date of filing of 29/10/2002
No.: (PCT/US01/18864) Application:

(54) Title of the invention: HMG-CoA REDUCTASE INHIBITORS AND METHOD

(51) International classification: C07D 910/4	(71) Name of the Applicant:
(30) Priority Data :	BRISTOL-MYERS SQUIBB COMPANY
(31) Document No.: 60/211,595	Address of the Applicant:
(32) Date : 15/06/2000	P.O.BOX 4000, PRINCETON, NJ 08543-4000
(33) Name of convention country : U.S.A.	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : YES	1) ROBL JEFFREY A
(61) Patent of addition to application No.: NIL	2) CHEN BANG-CHI
(62) Filed on : N.A.	3) SUN CHONG-QING
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : Compounds of structure (1) are HMG CoA reductase inhibitors and thus are active in inhibiting cholesterol biosynthesis, modulating blood serum lipids such as lowering LDL cholesterol and/or increasing HDL cholesterol, and treating hyperlipidemia, hypercholesterolemia, hypertriglyceridemia and atherosclerosis and pharmaceutically acceptable salts thereof, wherein X is O or S; Z is (2) or (3); n is 0 or 1; R₁ and R₂ are the same or different and are independently selected from alkyl, arylalkyl, cycloalkyl, alkenyl, cycloalkenyl, aryl, heteroaryl or cycloheteroalkyl; and R₃ to R₉ are as defined herein.

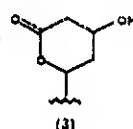
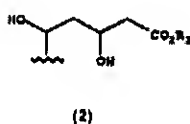
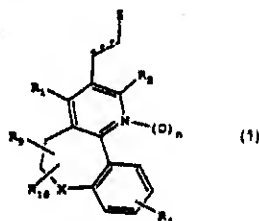


Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01523/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/US01/17678) Application:

(54) Title of the invention: IL-8 RECEPTOR ANTAGONISTS

(51) International classification: C07C 211/00

(30) Priority Data :

(31) Document No.: 60/207,911

(32) Date : 30/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**SMITHKLINE BEECHAM
CORPORATION**

Address of the Applicant:

**ONE FRANKLIN PLAZA,
PHILADELPHIA, PA 19103**

(72) Name of the Inventors:

- 1) PALOVICH MICHAEL R.
- 2) MICCELAND BRENT
- 3) BI GUANGPING
- 4) WERNER MICHELLE
- 5) WIDDOWSON KATHERINE L.

(57) Abstract : This invention relates to the novel use of dianilino squarates in the treatment of disease states mediated by the chemokine, Interleukin-8 (IL-8)

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01524/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/EP01/07398) Application:

(54) Title of the invention: PROCESS FOR THE PREPARATION OF PESTICIDAL COMPOUNDS

(51) International classification: C07D 231/44

(30) Priority Data :

(31) Document No.: 60/210,803

(32) Date : 09/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BAYER CROPSCIENCE S.A.

Address of the Applicant:

55 AVENUE RENE CASSI: 69009
LYON, FRANCE,

(72) Name of the Inventors:

ROUSSEAU JEAN-FRANCOIS

(57) Abstract : A process for the preparation of a compound of general formula (I), where R^1 is CN or $CSNH_2$; R^2 is hydrogen or chloride; and R^3 is halogen or haloalkyl or haloalkoxy or SF_5 which process comprises reacting a compound of formula (II), where R^1 , R^2 and R^3 are as defined above; with a proton source.

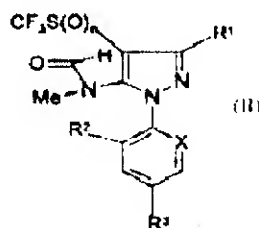
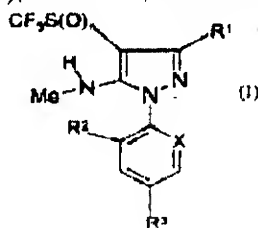


Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01525/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/US01/16867) Application:

(54) Title of the invention: NOVEL MMP-2/MMP-9 INHIBITORS

(51) International classification: C07C 205/00	(71) Name of the Applicant:
(30) Priority Data :	SMITHKLINE BEECHAM CORPORATION
(31) Document No.: 60/206,754	Address of the Applicant:
(32) Date : 24/05/2000	ONE FRANKLIN PLAZA, PHILADELPHIA, PA 19103, U. S. A.
(33) Name of convention country : U. S. A.	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : YES	1) ARNOLD ANNE ROMANIC
(61) Patent of addition to application No.: NIL	2) CHENERA BALAN
(62) Filed on : N.A.	3) GIRARD GERALD R.
(63) Divisional to Application No.: NIL	4) WEINSTOCK JOSEPH
(64) Filed on: N.A.	

(57) Abstract : Novel MMP-2/MMP-9 inhibitors and methods of using them are provided.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01526/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/NO01/00059) Application:

(54) Title of the invention: RESERVOIR MONITORING

(51) International classification: G01N 33/24

(30) Priority Data :

(31) Document No.: 1) 2000 2137 2) 09/725,042

(32) Date : 1) 26/04/2000 2) 29/11/2000

(33) Name of convention country : 1) NORWAY
2) U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on : N.A.

(71) Name of the Applicant:

SINVENT AS

Address of the Applicant:

STRINDVEIEN 4, N-7034 TRONDHEIM

(72)

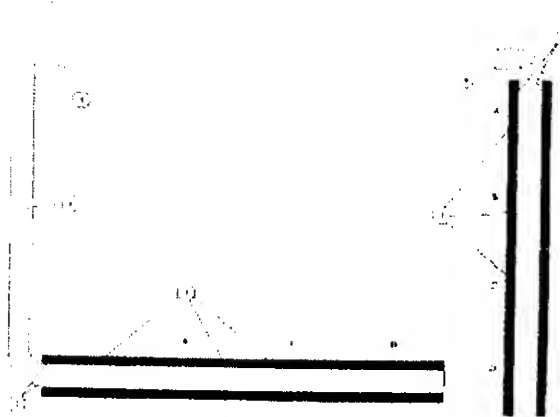
Name of the Inventors:

- 1) TAYEBI DAVOUD
- 2) KILAAS LARS
- 3) LUND ARE
- 4) KVERNHEIM ARNE LUND
- 5) ERIKSEN ODD IVAR
- 6) SVEEN JOSTEIN
- 7) LILE OLE BERNT
- 8) RAMSTAD MARIT VALEUR
- 9) SAASTAD OLE WIDAR

(57) Abstract :

The present application concerns a method for monitoring the hydrocarbon and water production from different production zones in a hydrocarbon reservoir and/or injection wells and detection of different phenomena such as e.g. local variations in pH, salinity, hydrocarbon composition, temperature, pressure, microorganisms, and the difference/ratio between production of formation and/or injection water from various zones in a hydrocarbon reservoir. The method comprising dividing regions around wells in the reservoir into a number of sections, and injecting or placing specific tracers with unique characteristics for each section into the formation in these regions. The tracers are chemically immobilized/integrated in the formation or in constructions/filters around the wells, the tracers (tracer carriers) being chemically intelligent and released as a function of specific events. Detecting the tracers downstream provides information about the various zones. The invention may be used as a local alarm system for water breakthrough, or for improved oil and gas recovery (IOR) in horizontal production and injection wells.

Figure: I



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act. 2002

(21) Application No.: IN/PCT/2002/01527/MUM A (22) Date of filing of Application: 30/10/2002
(PCT/SO01/15610)

(54) Title of the invention: **CLARIFICATION METHOD FOR OIL DISPERSIONS COMPRISING OVERBASED DETERGENTS CONTAINING CALCITE**

<p>(51) International classification: C10M 159/24</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/586,011</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : U. S. A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>CROMPTION CORPORATION</p> <p>Address of the Applicant:</p> <p>199 BENSON ROAD, MIDDLEBURY, CT 06749, U. S. A.</p> <p>(72) Name of the Inventors:</p> <p>MUIR RONALD J.</p>
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(57) Abstract : A hazy dispersion of a calcitie-containing sulfonate detergent in oil is clarified by a process including the steps of: a) adding to the dispersion at least one acidifying compound selected from the group consisting of carbon dioxide; sulfur dioxide; organosulfonic acids having a molecular weight of at least 400; and organic carboxylic acids, diacids and anhydrides, containing at least 7 carbon atoms, b) reacting the dispersion in the presence of the acidifying compound, water, and at least one volatile organic solvent, and c) removing volatiles from the so-reacted dispersion by vaporization.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01528/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/US01/03632) Application:

(54) Title of the invention: PROGRAMMATIC MASKING OF STORAGE UNITS

(51) International classification: 09/553,114

(30) Priority Data :

(31) Document No.: 09/553,114

(32) Date : 20/04/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

MICROSOFT CORPORATION

Address of the Applicant:

ONE MICROSOFT WAY, REDMOND,
WA 98052

(72) Name of the Inventors:

WEILAND PETER

(57) Abstract :

A system and method are described to programmatically manage access between one or more nodes (12) and a plurality of associated devices (16, 18, 20, 22), such as shared storage units. Each node (12) is programmed to include a data structure (40, 46), which identifies whether an associated device (16, 18, 20, 22) is to be within the scope of the respective node (12). The data structure (40, 46) may include persistent and/or temporary lists (48, 50). Each device (16, 18, 20, 22) may be programmatically masked relative to the node (12) by dynamically modifying the data structure (40, 46) of the node (12), such as by employing a predetermined interface (60, 70, 80, 90).

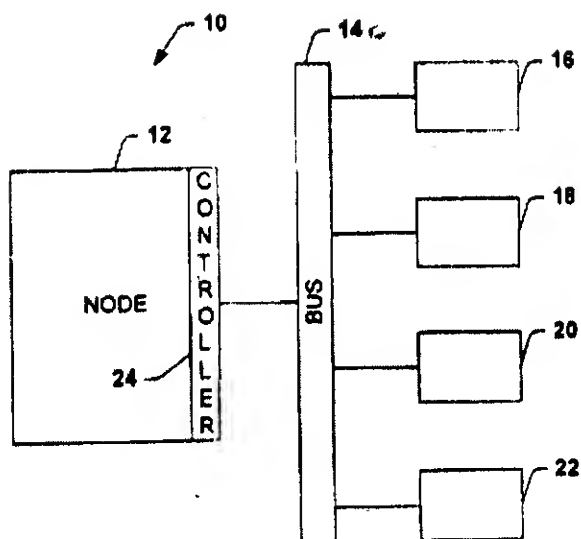


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01529/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/EP01/04878) Application:

(54) Title of the invention: **LEAVE-ON OR RINSE-OUT HAIR CARE CONDITIONER
COMPOSITIONS CONTAINING SILICONE QUATERNARY
COMPOUNDS AND THICKENERS**

(51) International classification: A61K 7/06	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 09/564,932	Address of the Applicant:
(32) Date : 04/05/2000	HINDUSTAN LEVER HOUSE, 165/166
(33) Name of convention country : U.S.A.	BACKBAY RECLAMATION, MUMBAI
(66) Filed U/s. 5(2) : NO	400 020, MAHARASHTRA, INDIA
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) MA ZHUNING
(63) Divisional to Application No.: NIL	2) WYDILA JOHN EDWARD
(64) Filed on: N.A.	3) DAILEY MARK
	4) BRANDT LORALET MARIE
	5) NEILL PAUL HOWARD

(57) Abstract : The present invention relates to a leave-on or rinse-out hair conditioning or styling aid composition that comprises: a) a silicone quaternary compound, b) a cationic thickener, and c) a carrier, wherein said carrier is water, or a hydroalcoholic solvent; and wherein said composition is substantially lacking in fatty alcohol.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01530/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/EP01/04993) Application:

(54) Title of the invention: ORAL COMPOSITION

(51) International classification: A61K 7/16	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 00303875.9	Address of the Applicant:
(32) Date : 09/05/2000	HINDUSTAN LEVER HOUSE, 165/166
(33) Name of convention country : EUROPE	BACKBAY RECLAMATION, MUMBAI
(66) Filed U/s. 5(2) : NO	400 020, MAHARASHTRA, INDIA
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) DAVIES RICHARD HEW
(63) Divisional to Application No.: NIL	2) KILCULLEN NEIL
(64) Filed on: N.A.	3) WATER-FIELD PHILIP CHRISTOPHER

(57) Abstract : Oral composition comprises a first formulation stored adjacent a second formulation for simultaneous dispensing, wherein the pH the first formulation differs from the pH of the second formulation by at least one pH unit.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01531/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/EP01/04875) Application:

(54) Title of the invention: MODULAR MOLD AND DIE ASSEMBLY

<p>(51) International classification: B29C 33/30</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/568,607</p> <p>(32) Date : 10/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant:</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA</p> <p>(72) Name of the Inventors:</p> <p>1) STORY EDWARD ROSS 2) HEINZ DANIEL JOHN 3) BUZZEO PASQUALE MICHAEL 4) LATHROP GREGORY ALAN</p>

(57) Abstract : Modular die or mold assemblies comprising a platform, and at least one die or mold unit which is releasably connected to the platform. The invention permits rapid changing of molds or dies, especially in the manufacture of detergent bars, such as soap bars.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01532/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/EP01/04876) Application:

(54) Title of the invention: MOLD AND PROCESS FOR STAMPING DETERGENTS BARS

<p>(51) International classification: C11D 13/18</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/568,608</p> <p>(32) Date : 10/05/2000</p> <p>(33) Name of convention country : U. S. A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant:</p> <p>HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA</p> <p>(72) Name of the Inventors:</p> <p>1) STORY EDWARD ROSS 2) HEINZ DANIEL JOHN 3) BUZZEO PASQUALE MICHAEL</p>

(57) Abstract : The invention discloses a process for stamping a detergent bar which includes a die having at least one bar stamping surface provided with at least one elastomeric coating. The coating is molded with a mold having replaceable indicia.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01533/MUM A (22) Date of filing of 30/10/2002
No.: (PCT/EP01/05014) Application:

(54) Title of the invention: MACHINE DISHWASHING COMPOSITIONS CONTAINING BLEACHING AGENTS AND POLYMERS

<p>(51) International classification: C11D 3/37</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/203,410</p> <p>(32) Date : 11/05/2000</p> <p>(33) Name of convention country : U. S. A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant:</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI</p> <p>(72) Name of the Inventors:</p> <p>1) CHIOU CATHERINE 2) GHATLIA NARESH DHIRAJLAL 3) NICHOLSON JOHN RICHARD 4) PIATEK BOZENA MARIANNA</p>

(57) Abstract : Detergent formulations containing cationic bleaching agents and water-soluble polymers having cationic groups improve tea stain removal in machine dishwashing applications.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01534/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/US01/17392) Application:

(54) Title of the invention: DISPERSION SLOPE COMPENSATING OPTICAL FIBER

(51) International classification: G02B 6/16

(30) Priority Data :

(31) Document No.: 1) 60/208,342 2) 60/217,967

(32) Date : 1) 31/05/2000 2) 13/07/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

CORNING INCORPORATED

Address of the Applicant:

1 RIVERFRONT PLAZA, CORNING.
NY 14831

(72) Name of the Inventors:

- 1) BICHAM SCOTT R.
- 2) CAIN MICHAEL B.
- 3) KUMAR SHIVA
- 4) MISHRA SNIGDHARAJ K.
- 5) SRIKANT V.
- 6) STONE JEFFERY S.

(57) Abstract :

Disclosed are refractive index profiles for total dispersion compensating optical waveguide fibers for use in high data rate, long length telecommunications systems. The optical waveguide fibers in accord with the invention provide substantially equal compensation of total dispersion over a range of wavelengths, thus facilitating wavelength division multiplexed systems. Also disclosed are spans of optical waveguide fiber that include a length of transmission fiber together with a length of the compensating fiber. The spans are joined end to end in series arrangement to form the optical waveguide fiber part of a telecommunication system.

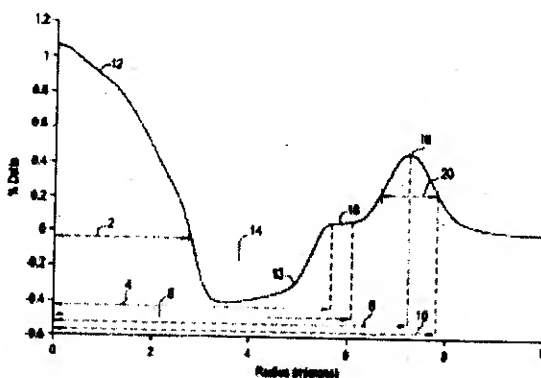


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01535/MUM A (22) Date of filing of Application: 31/10/2002
(54) Title of the invention: **COMPUTER-IMPLEMENTED SYSTEM FOR HUMAN RESOURCES MANAGEMENT**

- (51) International classification: G06F 17/30
(30) Priority Data :
(31) Document No.: 60/211,044
(32) Date : 12/06/2000
(33) Name of convention country : U.S.A.
(66) Filed U/s. 5(2) : NO
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

- (71) Name of the Applicant:
EPREDIX.COM
Address of the Applicant:
301 MISSION STREET, SAN FRANCISCO, CA 94105-224
(72) Name of the Inventors:
DEWAR KATRINA

(57) **Abstract** : A system and method for testing and/or evaluating employees or potential employees is disclosed. A computer arranges a plurality of applicants in a stack ranked table (306). The table may rank or re-rank applicant against each other from best to worst, after successive screening (304), selecting (308), and/or interviewing (310) stages for a particular job. Performance evaluation of hired workers may be fed back to the computer for adjusting the system and method. Competencies shown to be predictive of successful performance of a given type of job are tested for at various stages in an online testing system.

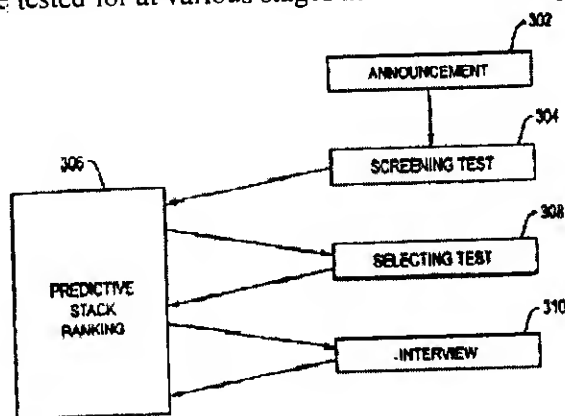


Figure: 3

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01536/MUM A (22) Date of filing of Application: 31/10/2002
(PCT/US01/10917)
- (54) Title of the invention: A NETWORK APPARATUS FOR VALIDATING DOCUMENTS

(51) International classification: G06F 17/22

(30) Priority Data :

(31) Document No.: 09/562,104

(32) Date : 01/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

INTEL CORPORATION

Address of the Applicant:

2200 MISSION COLLEGE
BOULEVARD, SANTA CLARA,
CALIFORNIA 95054, USA

(72) Name of the Inventors:

- 1) MARLATT DAVID
- 2) ABJANIC JOHN

(57) Abstract : A network apparatus is provided between a network and a plurality of processing nodes or application servers. The network apparatus includes a validation accelerator to validate (or pre-validate) a document based on validation instructions provided in the document. After the document is validated, the validation instructions are removed or stripped from the document, and the document is then sent to a processing node or application server for processing.

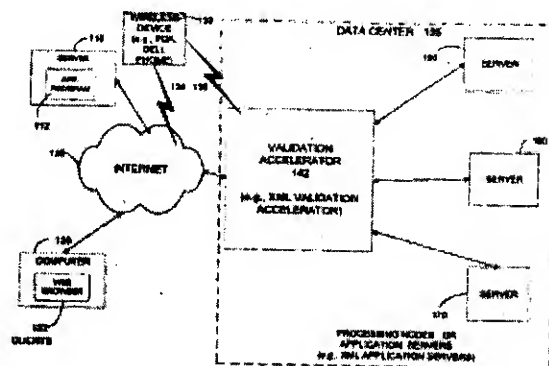


Figure: 1

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01537/MUM A (22) Date of filing of Application: 31/10/2002
(PCT/US01/12347)

(54) Title of the invention: **METHOD OF INITIATING INTERACTIVITY IN AN ENHANCED DIGITAL TELEVISION BROADCAST USING THE BROADCASTER'S STATION ID**

(51) International classification: H04N 5/445
(30) Priority Data :
(31) Document No.: 09/573, 050
(32) Date : 16/05/2000
(33) Name of convention country : U.S.A.
(66) Filed U/s. 5(2) : NO
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

(71) Name of the Applicant:

INTEL CORPORATION

Address of the Applicant:

2200 MISSION COLLEGE
BOULEVARD, SANTA CLARA,
CALIFORNIA 95052, USA

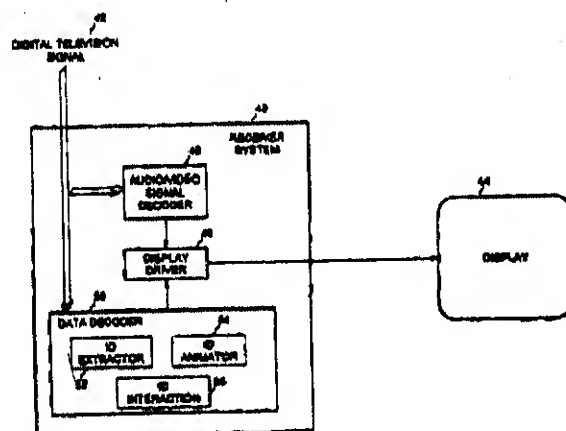
(72) Name of the Inventors:

- 1) GROWER MICHAEL R.
- 2) IYENGER SRIDHAR

(57) Abstract :

Initiating interactivity with a received enhanced digital TV program that is being displayed in full screen mode without obstructing the existing views of the TV program. The method includes displaying a video component of the enhanced digital TV program in a full screen mode on a display, extracting information related to a broadcaster's station ID from a data component of the enhanced digital TV program, displaying the station ID in a changed appearance on the display according to the information, and accepting a viewer input selection to enter an interactive mode in response to the changed appearance. The station ID may be represented in a changed appearance only when new ancillary digital content is received as part of reception of the enhanced digital TV program. As a result of the viewer input selection, display of the ancillary digital content of the TV program on a portion of the screen may result.

Figure: 4



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01538/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/US01/17852) Application:

(54) Title of the invention: MIXTURES OF ORGANIC SILVER SALTS IN COLOR
PHOTOTHERMOGRAPHIC SYSTEMS

(51) International classification: G03C 1/498	(71) Name of the Applicant:
(30) Priority Data :	EASTMAN KODAK COMPANY
(31) Document No.: 60/211,258	
(32) Date : 13/06/2000	Address of the Applicant:
(33) Name of convention country : U. S. A.	343 STATE STREET, ROCHESTER, NY 14650, U. S. A.
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) IRVING LYN MARIE
(63) Divisional to Application No.: NIL	2) LEVY DAVID HOWARD
(64) Filed on: N.A.	3) IRVING MARK EDWARD

(57) Abstract : The present invention is directed to the use of a mixture of non-light sensitive organic silver salts in a color photothermographic system comprising a blocked developing agent for color imaging. At least one of the organic silver salts is the sole of primary silver donor during thermal development and at least one other organic silver salt, present at levels in the range of 30,000 to 60,000 mg/mol of silver halide, effectively inhibits fog during thermal development of the photothermographic element. In one embodiment, and the system comprises a mixture of at least two organic silver salts, wherein the first organic silver salts exhibits a cLogP of 0.1 to 10 and a Ksp of 7 to 14 and wherein the second organic silver salt exhibits a cLogP of 0.1 to 10 and Ksp of 14 to 21.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01539/MUM A (22) Date of filing of Application: 31/10/2002
(PCT/EP01/05168)

(54) Title of the invention: ANTHRANYL AMIDES AND THEIR USE AS MEDICAMENTS

(51) International classification: C07C 237/28
(30) Priority Data :
(31) Document No.: 100 23 484.4
(32) Date : 09/05/2000
(33) Name of convention country : GERMANY
(66) Filed U/s. 5(2) : NO
(61) Patent of addition to application No.: NIL
(62) Filed on : N.A.
(63) Divisional to Application No.: NIL
(64) Filed on: N.A.

(71) Name of the Applicant:
SCHERING AKTIENGESELLSCHAFT

Address of the Applicant:
**MULLERSTRASSE 178, 13342 BERLIN,
GERMANY**

(72) Name of the Inventors:
1) KRUGER MARTIN
2) HUTH ANDREAS
3) PETROV ORLIN
4) SEIDELMANN DIETER
5) THIERAUCH KARL-HEINZ
6) HABEREY MARTIN
7) MENRAD ANDRES
8) ERNST ALEXANDER

(57) Abstract : The invention relates to substituted anthranyl amides, to their use as medicaments, for treating diseases caused by persistent angiogenesis, and to their intermediate products for producing the anthranyl amides.

Figure: NIL.

Publication After 18 months

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01540/MUM A (22) Date of filing of 31/10/2002
No.: (PCT/IB01/00973) Application:

(54) Title of the invention: 2-AMINOCARBONYL-9H-PURINE DERIVATIVES

(51) International classification: C07H 19/167

(30) Priority Data :

(31) Document No.: 1) 0014048.3 2) 0018246.9
3) 0024920.1

(32) Date : 1) 06/06/2000 2) 25/07/2000
3) 11/10/2000

(33) Name of convention country : UNITED-KINGDOM

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

PFIZER INC.

Address of the Applicant:

235 EAST 42ND STREET,
NEW YORK, NY 10017

(72) Name of the Inventors:

1) MANTELL SIMON JOHN
2) STEPHENSON PETER THOMAS

(57) Abstract : The present invention relates to compounds of formula (I) and pharmaceutically acceptable salts and solvates thereof, and to processes for the preparation of, intermediates used in the preparation of, compositions containing and the uses of, such compounds.

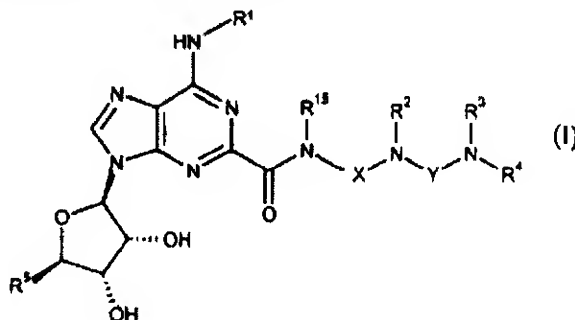


Figure: NIL

ALTERATION OF DATE UNDER SECTION 16

193993 (145/MAS/1999) ANTE DATED TO 23-02-1994.

193994 (535/MAS/1999) ANTE DATED TO 15-02-1994.

193996 (1666/MAS/1998) ANTE DATED TO 24-02-1994.

अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl.:89

193991

Int.Cl⁷:H 01 J 3/00**" IONISER FOR ELECTRONIC TESTING MACHINE"**

Applicant: TTK - LIG LIMITED,
AN INDIAN COMPANY, HAVING ITS PRINCIPAL PLACE
OF BUSINESS AT NO. 6, CATHEDRAL ROAD,
CHENNAI - 600086, STATE OF TAMILNADU,
INDIA

Inventors: 1. JAGANNATHAN SRINIVASAN
2. ASWATHNARAYANAN VENKATA RAMANI

Application No564/MAS/1999 filed on 18/05/1999

Complete specification Left 09/05/2000

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

04 Claims

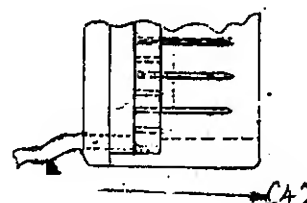
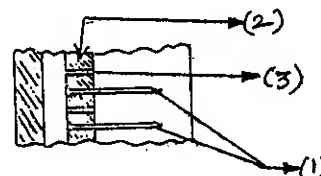
1. An Ioniser for electronic testing of condoms mounted at test zone at a distance and comprising of :

- **Ioniser Needle Assembly unit connected to a high voltage,**
- **Enclosure Assembly unit enclosing the said Ioniser needle assembly,**

-Wherein said ioniser needle assembly means a row of air holes drilled along the length of the metal plate uniformly and the metal needles are fixed in the alternate air holes such that one open air hole and metal needles alternative each other along the length of the metal plate;

-Wherein said enclosure assembly means an enclosure formed on sides, top and bottom so as to enclose the said ioniser needle assembly within, having a plenum chamber at its back portion to receive the air supply and the enclosure so formed at the front such that a vertical slit is formed to channelise the air out of air vents towards the test zone;

Provisional Spec: 02Pages; Complete Spec: 10 Pages
Text:12 Pages; Drgs03 Sheets.



Ind.Cl.:172 A

193992Int.Cl.⁷:B 65 H - 54/32**" A DEVICE FOR WINDING A YARN ONTO A BOBBIN"**

Applicant: SCHARER SCHWEITER METTLER AG,
A SWISS COMPANY
CH - 8812 HORGEN,
SWITZERLAND.

Inventors: I. LUKAS KUNZ.

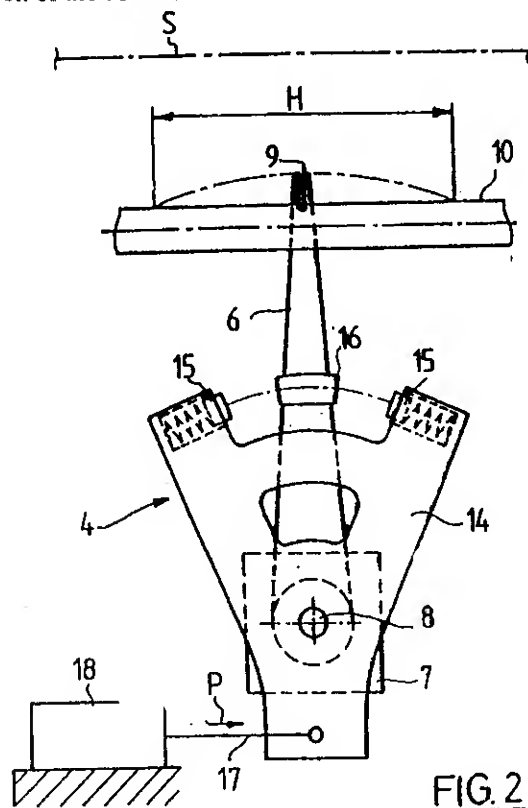
Application No:2281/MAS/1997 filed on 14th October 1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

10 Claims

A device for winding a yarn (F) onto a bobbin (3), having a yarn guide (6) drivable in an oscillating manner and having energy storage mechanisms (15) for influencing the deceleration and acceleration of the yarn guide (6) during reversal of its motion, characterized in that the yarn guide (6) is a finger-like design and is supported on a shaft (8) orientated at right angles to the bobbin axis (S), that the energy storage mechanisms (15) are detached from the yarn guide and position controllable, and in that the position of the energy storage mechanisms with respect to the yarn guide is controllable during operation of the device.

Comp.Specn. 15 Pages; Drgs 01 Sheets.



Ind.Cl.:155 D

193993

Int.Cl⁷:B 32 B 5/16

" A FILM/ NONWOVEN LAMINATE AND A PROCESS FOR PRODUCING THE SAME"

Applicant: KIMBERLY - CALRK WORLDWIDE INCORPORATED,
A US COMPANY,
OF 401 N. LAKE STREET, NEENAH,
WISCONSIN 54956,
USA

Inventors: 1. ANN LOUISE McCORMACK

Application No145/MAS/1999 filed on 04th February 1999

Division to Application No: 121/MAS/1994 Ante Dated:23/02/1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

04 Claims

1. A film/nonwoven laminate comprising: a film layer having on a dry weight basis, based upon the total weight of the film, from 30 to 80 percent of a filler and from 20 to 70 percent polyolefin polymer, and a fibrous nonwoven web bonded directly to said film layer by a plurality of fibers within said fibrous nonwoven web which contain a polyolefin polymer and a bonding agent, said polyolefin polymer and said bonding agent forming at least a portion of an exterior surface of said fibers to create a peel strength between said film layer and said fibrous nonwoven web of at least 24 grams.

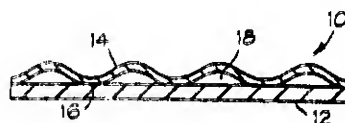


FIG. 1

Reference to : US 4, 789, 699 US 4, 340, 563

Comp.Specn. 36 Pages; Drgs 01 Sheets.

Ind. Cl. : 113 B

193994Int.Cl⁷: A 24 F - 15/10; A 24 F - 47/00**" A LIGHTER FOR USE IN AN ELECTRICAL SMOKING SYSTEM"**

Applicant: PHILIP MORRIS PRODUCTS INC.,
A US COMPANY,
OF 3601 COMMERCE ROAD RICHMOND,
VIRGINIA 23234,
USA

Inventors: 1. ALFRED L. COLLINS & et al.

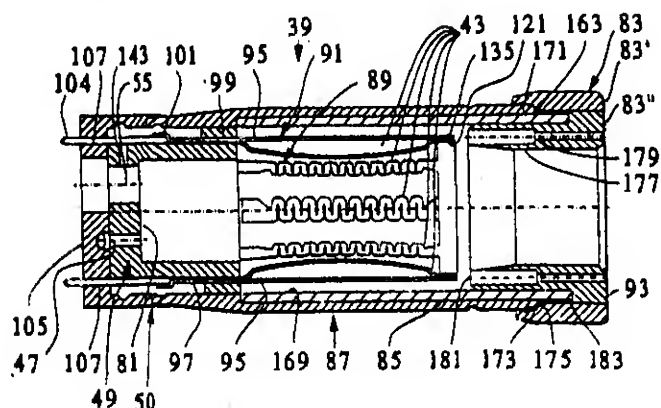
Application No 535/MAS/1999 filed on 07th May 1999

Division to Application No: 94/MAS/1994 Ante-dated to: 15/02/1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

65. Claims

1. A lighter for use in an electrical smoking system comprising a heater fixture for receiving, through a first end, a removable cigarette, the heater fixture having means for providing a flow of air transversely to at least a portion of the cigarette, and a plurality of electrical heater elements disposed in the heater fixture, each of the heater elements having a surface for being disposed adjacent a surface of the portion of the cigarette to which the flow of air is provided; and means for individually activating the plurality of heater elements such that a predetermined quantity of flavoured tobacco response is generated in the cigarette.



Comp. Specn. 72 Pages; Drgs 19 Sheets.

Ind.Cl.:8

193995

Int.Cl⁷:G 08 B - 17/107

" A SMOKE DETECTOR"

Applicant: SIEMENS BUILDING TECHNOLOGIES AG,
A SWISS COMPANY,
OF BELLERIVESTRASSE 36,
8008 ZURICH,
SWITZERLAND

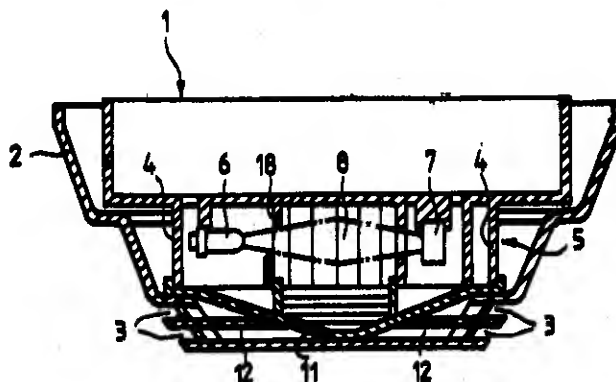
Inventors: 1. URS RIEDE
2. BERNHARD DURRER
3. KURT HESS

Application No:1451/MAS/1997 filed on 01st July 1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

09 Claims

A smoke detector with a detector unit (1) which can be secured in a base, with an optical module (5) which has a light source (6), an optical receiver (7), a measuring chamber (8), a base (11) and a labyrinth system with screens (9) arranged on the periphery of the measuring chamber (8), characterized in that the base (11) is funnel-shaped and has the form of a cone or a pyramid.



Comp.Specn. 16 Pages; Drgs 01 Sheets.

193996

" A STEEL RAILWAY WHEEL"

Inventors: 1. C. DALE CHRISTIE 4. JOHN D. OLIVER
2. MICHAEL T. GALLAGHER 5. MARK A. POLZIN
3. MICHAEL J. HENDRICKSON

Application No 1666/MAS/1998 filed on 27th July 1998
Division to Application No: 124/MAS/1994 Ante Dated: 24/02/1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

08 Claims

1. A' steel railway wheel providing low axial flange deflection and low, thermally-induced, residual tensile stress effects, said wheel comprising a hub with an axial bore and a longitudinal axis; a rim generally concentric with said bore; a plate extending generally radially outward from said hub to said rim, said plate having a substantially arcuate cross-section, a first front fillet, a second front fillet, a first rear fillet and a second rear fillet; said hub having a hub front face, a hub front corner radius, a hub rear face and a hub rear corner radius, said hub front corner radius tangent to said hub front face at a hub front tangent and coupling said front face with one of said plate first and second front fillets, said hub rear corner radius tangent to said hub rear face at a hub rear tangent and coupling said hub rear face with one of said plate first and

second rear fillets; said rim having a rim front face, rim front corner radius, a rim rear face and a rim rear corner radius, said rim front corner radius tangent to said rim front face at a rim front tangent and coupling said rim front face with the other of said plate first and second front fillets; said rim rear corner radius tangent to said rim rear face at a rim rear tangent and coupling said rim rear face with the other of said plate first and second rear fillets; said rim front face tangent and rim rear face tangent defining a midpoint therebetween; a first radius extending from said longitudinal axis to said midpoint; a radial axis extending from said midpoint in a direction toward said longitudinal axis and angularly displaced from said first radius at an angle of inclination between up to ten (10) arc degrees from said first radius toward said hub front face and five (5)

arc degrees toward said rear hub face; said plate having a plate contour generally convex to said hub front face, a wall thickness and a centerline generally conforming to said plate contour midway through said wall thickness, said plate having a maximum depth of curvature at said plate centerline with an offset distance from said radial axis between said hub and said midpoint, which offset distance is between about 1.95 inches (4.95 cm.) and about 3.25 inches (8.26 cm.).

Comp.Specn. 26 Pages; Drgs 04 Sheets.

Ind.Cl.:150 G

193997

Int.Cl⁷:F 16L 25/00 27/10 51/02

FLEXIBLE JOINT

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.,
A NETHERLANDS COMPANY
CAREL VAN BYLANDT LAN 30
2596 HR THE HAGUE
THE NETHERLANDS.

Inventors: 1. ANTHONY FUI LIAN LIEW
2. ERNST ANTONIUS BAKKER

Application No:1956/MAS/96 filed on 5TH NOV 96

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

11. Claims

1. A flexible joint comprising a first rigid wall portion, a second rigid wall portion, and a flexible wall portion of which the ends are welded to the rigid wall portions, which three wall portions define a longitudinal passage through the joint and are arranged along the length of the passage, which flexible joint further has a sleeve member having a sleeve of which one end is secured to the first rigid wall portion and of which the other end extends into the second rigid wall portion, wherein the part of the first rigid wall portion facing the passage, the inner side of the sleeve and the inner side of the second rigid wall portion are provided with a layer of erosion-resistant material, wherein the outer diameter of the sleeve member is smaller than the inner diameter of the flexible wall portion and than the inner diameter of the layer of erosion-resistant material on the second wall portion, and wherein the second rigid wall portion is further provided with a layer of heat-insulating material disposed between the second wall portion and the layer of erosion-resistant material.

Comp.Specn. 21 Pages; Drgs 3 Sheets.

Ind.Cl.:5D

193998

Int.Cl⁷:A 23 N 015/00, B 08 B 13/02 07/04

" APPARATUS FOR CLEANING ARTICLES SUCH AS ROOTS, TUBERS
AND BULBS"

Applicant: BARNARD STEWART SILVER,
A US CITIZEN,
OF 4391 CAROL JANE Dr. SALT LAKE CITY,
UTAH 84124 - 3601,
USA

Inventors: 1. ROBERT V. ZIMMERMAN

Application No:1431/MAS/1996 filed on 13th August 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

13 Claims

1. An apparatus for cleaning articles such as roots tubers and bulbs, the said apparatus comprising at least one pair of spaced, cylindrical, substantially horizontal article-transport rollers; said article-transport rollers spaced sufficiently close to prevent at least a majority of the articles to be cleaned from falling therebetween and spaced sufficiently far apart to allow at least some foreign materials such as weeds, rocks, soil and mud smaller than the articles to pass downwardly; said at least one pair of article-transport rollers having their axes substantially on a plane inclined at an acute angle to horizontal; helices on the cylindrical surfaces of at least one roller in said at least one pair of article-transport rollers for agitating the articles and for moving at least some of the articles laterally to at least one end of said at least one pair of article-transport rollers; at least one article collector adjacent to at least one end of said at least one pair of article-transport rollers for collecting articles; and at least one drive system for rotating said at least one pair of article-transport rollers.

Int.Cl.:90 A,B

193999Int.Cl⁷:C 03 B 25/00**AN APPARATUS AND A METHOD OF MANUFACTURING A BENT GLASS SHEET**

Applicant: PILKINGTON UNITED KINGDOM LIMITED
OF PRESCOT ROAD, ST. HELENS,
MERSEYSIDE WA10 3TT
A BRITISH COMPANY
UNITED KINGDOM

Inventors: J. DAVID SYKES

Application No900/MAS/96 filed on 27TH MAY 1996

Convention No.9511544.0 on, 7TH JUNE 1995 in UK

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

22 Claims

1. An apparatus for bending a glass sheet in a gravity bending step and in a subsequent press bending step, the apparatus having a gravity bending mould (10) comprising a fixed mould portion (16) and at least one articulated wing portion (20) adjacent to the fixed mould portion (16), a base (12) on which the fixed mould portion (16) is mounted and at least one hinged locking arm (32) mounted between the or each respective wing portion (20) and the base (12), at least one locking arm being movable by a camming action from an unlocked position in which the wing portion (20) is capable of moving vertically relative to the base (12) to a locked position in which the wing portion (20) is fixed in position relative to the base (12).

Comp.Speen. 30 Pages; Drgs 3 Sheets.

Ind.Cl.:76 E

194000

Int.Cl⁷:A 44 B 19/56**"A KNIT SLIDE FASTENER"**

Applicant: YKK CORPORATION
A Japanese Company of No. 1, Kanda Izumi-cho,
Chiyoda-ku, Tokyo, Japan

Inventors: 1. Yoshio MATSUDA
2. Hidetobu KATO
3. Yoshito Ikeguchi

Application No762/MAS/1996 filed on 8th May 1996

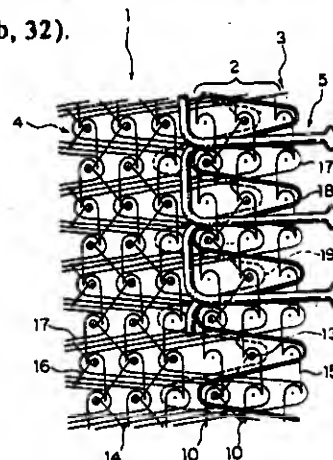
Convention No.7-155097 on, 18th May 1995 in Japan

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

3. Claims

A knit slide fastener comprising: a pair of fastener tapes (1, 1a, 1b, 31) each composed of a wrap-knit ground structure having a fastener element attaching portion (2, 2a, 2b, 32) at a longitudinal edge portion thereof, and a pair of continuous fastener element rows (5, 35) each knitted in said fastener element attaching portion (2, 2a, 2b, 32) simultaneously with the knitting of the respective fastener tape (1, 1a, 1b, 31); said knit slide fastener being characterized by a plurality of binding chain stitches (10, 10b, 40) knitted in each said fastener element attaching portion (2, 2a, 2b, 32) to bind said fastener element row (5, 35) to the ground structure of each said fastener element attaching portion (2, 2a, 2b, 32); a plurality of laid-in weft yarns (17, 17a, 18, 19, 47, 48, 49) laid in said fastener element attaching portion (2, 2a, 2b, 32); and a chain stitch (15, 45) having a succession of knit loops extending along an outermost edge of each said fastener element attaching portion (2, 2a, 2b, 32), every one of said knit loops being interlaced with one of said laid-in weft yarns (17, 17a, 18, 47, 48) to form the ground structure of said fastener element attaching portion (2, 2a, 2b, 32).

Reference to : Japan - No. Sho 38-11673; USA - 5,035,125;



Comp.Speen. 26 Pages; Drgs 13 Sheets.

Ind.Cl.:172 C1

194001

Int.Cl⁷:B 65 H 75/66, D 01 H 5/72

" A SLIVER FUNNEL AND AN APPARATUS FOR MANUFACTURING A
SLIVER FOR SUBSEQUENT MANUFACTURE OF A SPUN YARN"

Applicant: RIETER INGOLSTADT SPINNEREIMASCHINENBAU
AKTIENGESELLSCHAFT,
A GERMAN COMPANY,
OF POSTFACH 10 09 60, FRIEDRICH - EBERT STRASSE 84,
D - 85046 INGOLSTADT,
GERMANY

Inventors: 1. NAUTHE, ALFRED
2. GOHLER, WOLFGANG

Application No548/MAS/1996 filed on 03rd April 1996

Convention No.29506107.3 on, 07th April 1995 in GERMANY

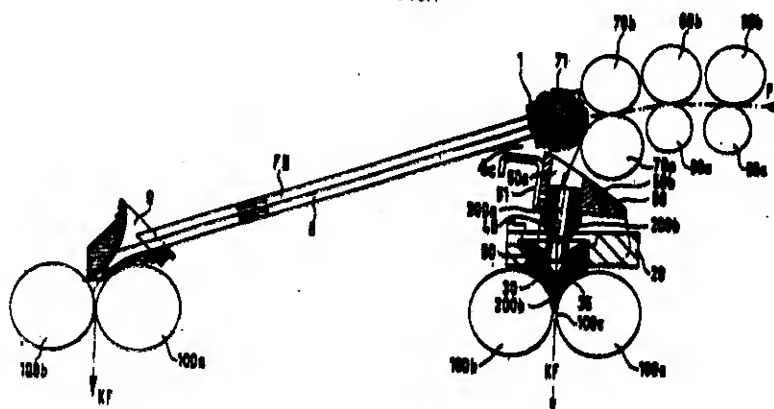
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

20 Claims

A sliver funnel (30) for a sliver guide without a longer collecting tube or guide tube (8), said sliver funnel (30) comprising: a guide duct (31, 32) which tapers conically (32) to a cylindrical front portion (31); a plurality of injector bores (34a, 34b), which are inclined in the conveying direction of a sliver, provided in the cylindrical front portion (31).

Reference to : Germany 295 1087101; US - 4,372, 010; DE - A2623400, East Germany 290 697; EP - 593884 A1;

FIG.1



IND. CL. : 172 A 194002

INT. CL. : B 65 H 75/00
B 65 H 54/00

TITLE : AN APPARATUS FOR PACKAGING OF YARN SPOOLS.

APPLICANT : NAKODA TEXTILE INDUSTRIES LTD.
738, AJANTA SHOPPING CENTRE,
RING ROAD, SURAT 395 002
AN INDIAN COMPANY

INVENTOR : 1) BABULAL GUMANMAL JAIN

INTERNATIONAL APPLICATION NO : -----

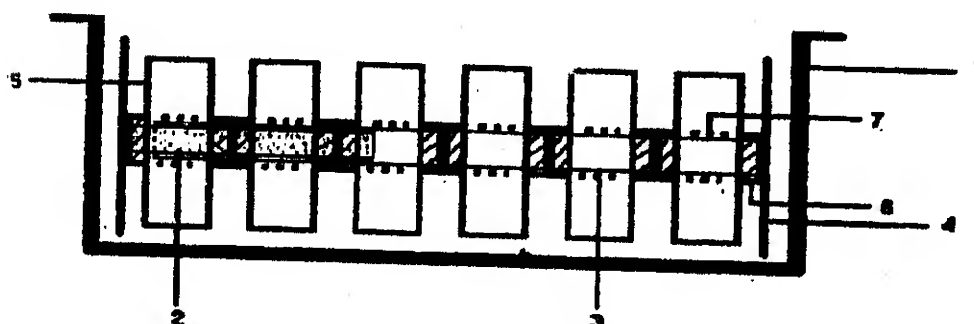
INDIAN APPLICATION NO. : 450 MUM 2000 DATED 16/05/2000

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

- 1) An apparatus for packaging of yarn spools consisting the parts of:
- (a) a crate,
 - (b) a mandrill made up of steel pipes (4, 8 & 9), is hold by a crate,
 - (c) small hollow tube(2) is welded in the central male portion of a mandrill pipe,
 - (d) long hollow tube(3) is welded in the central female portion of a mandrill pipe.



COMPLETE SPECIFICATION : 12 PAGES

DRAWINGS: 04 SHEETS

IND. CL. : 205 G **194003**

INT. CL. : B 66 B 11/00

TITLE : AN ELEVATOR SYSTEM.

APPLICANT : OTIS ELEVATOR COMPANY, NEW JERSEY, USA OF TEN
FARM SPRINGS ROAD, FARMINGTON, CONNECTICUT
06032-2568, USA.

INVENTORS : (1) RICHARD L.HOLLOWELL
(2) RICHARD N.FARGO
(3) JAMES A.RIVERA
(4) FRANK SANSEVERO
(5) ST.BRUCE PIERRE

INTERNATIONAL APPLICATION NO : PCT/ US 99/03644 DATED 19.02.1999

INDIAN APPLICATION NO. : IN/PCT/2000/00291/MUM DATED 11.08.2000

PRIORITY NO. : 09/031,108, 09/163,785 & 09/128,990 DATED 26.02.1998,
30.09.1998 & 22.12.1998 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

10. CLAIMS

An elevator system (10; 110; 210) disposed in a hoistway (12; 112;212) of a building structure (14) comprising:

- An elevator car (20; 210) traveling within said hoistway;
- A hoist rope (722; 222) for providing traction and suspension to said elevator car; and
- An elevator machine (32; 132; 232) secured to said elevator car for driving said hoist rope; wherein said hoist rope is a flat hoist rope.

Comp.specn. 15 pages

Drawings:6 sheets

IND. CL. : 90 I **194004**

INT. CL. : B 01 J 3/06

TITLE : A METHOD OF PRODUCING A MASS OF DIAMOND CRYSTALS.

APPLICANT : DE BEERS INDUSTRIAL DIAMOND [PROPRIETARY] LIMITED, SEO BUILDING, CORNER CROWNWOOD & BOOYSENS RESERVE ROADS, THETA, JOHANNESBURG, SOUTH AFRICA.

INVENTORS : (1) GEOFFREY JOHN DAVIES
(2) RAYMOND ALBERT CHAPMAN
(3) AULETTE STEWART
(4) LESLEY KAY HEDGES

INTERNATIONAL APPLICATION NO : PCT/GB 98/03695 DATED 10.12.1998

INDIAN APPLICATION NO. : IN/PCT/2000/ 00087/MUM DATED 16.06.2000

PRIORITY NO. : 97/11149 DATED 11.12.1997 OF SOUTH AFRICA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

A method of producing a mass of diamond crystals, which are predominantly macroscopically faceted single crystals, including the steps of providing a source of diamond crystals and which are substantially free of macroscopically faceted surfaces, producing a reaction mass by bringing the source into contact with a suitable conventional solvent/catalyst, subjecting the reaction mass to conditions of elevated temperature and pressure suitable for crystal growth in the reaction zone of a high temperature/high pressure apparatus, removing the reaction mass from the reaction zone and recovering the crystals from the reaction mass, the conditions of crystal growth being chosen such that the source diamond crystals are converted to diamond crystals having developed macroscopic facets of low Miller index, the supersaturation driving force necessary for crystal growth being generated predominantly by the difference in surface free energy between low Miller index surfaces and the high Miller index surfaces of the source diamond crystals.

Comp.specn. 20 pages

Drawings: 03 sheets

IND. CL. : 130 I + F **194005**
INT. CL. : C 22 B 15/00
TITLE : METHOD FOR THE PRODUCTION OF BLISTER COPPER IN
SUSPENSION REACTOR
APPLICANT : OUTOKUMPU OYJ
RIIHITONTUNTIE 7, FIN-02200 ESPOO,
FINLAND
A FINNISH PUBLIC LIMITED COMPANY
INVENTOR : 1) POIJARVI JAAKKO
2) MANTYMAKI TARMO
INTERNATIONAL APPLICATION NO : PCT/FI00/00004 DATED 04/01/2000
INDIAN APPLICATION NO. : IN/PCT/2002/00849/MUM DATED 21/06/2002
PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS. (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

13 CLAIMS

1) A method to produce blister copper in a suspension reactor directly from a sulfidic copper concentrate, whereby the concentrate, flux and oxygen-enriched air are fed into the reactor, characterized in that cooled and finely-ground copper matte is fed into the suspension reactor along with the concentrate in order to bind the heat released from the concentrate and to decrease the amount of slag relatively, whereby the degree of oxygen enrichment of the air fed to the reactor is at least 50% O₂.

COMPLETE SPECIFICATION: 13 PAGES

DRAWINGS: 02 SHEETS

IND. CL. : 172 D 4 194006

INT. CL. : B 32 B 15/00
B 32 B 25/00

TITLE : A COT

APPLICANT : PRADEEP KUMAR PANSARI
142, UDYOG BHAVAN,
SONAWALA ROAD, GOREGAON (E),
MUMBAI 400 063,
MAHARASHTRA, INDIA,
AN INDIAN NATIONAL

INVENTOR : 1) BHARAT CHAMPAKLAL SHAH

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 743 MUM 2002 DATED 16/08/2002
APPLICATION NO.

PRIORITY NO. : -----

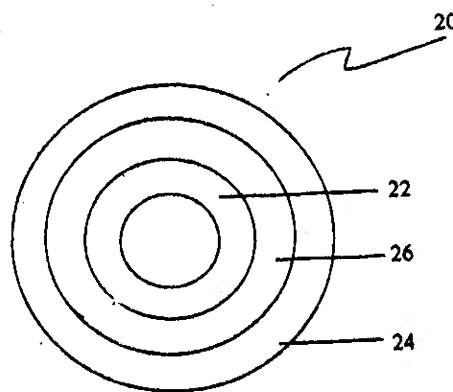
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

14 CLAIMS

1) A cot for textiles consisting of at least three annular plies namely an inner rigid core ply; a middle layer soft ply and an outer hard shell ply bonded to each other to form an integrated annular bodied cot.

COMPLETE SPECIFICATION : 15 PAGES

DRAWINGS: 01 SHEETS



IND. CL. : 140 B 3 194007
INT. CL. : C 10 G 29/04
TITLE : A METHOD FOR REMOVING BROMINE – REACTIVE
CONTAMINANTS
APPLICANT : MOBIL OIL CORPORATION
5200 BAYWAY DRIVE, TEXAS 77520,
UNITED STATES OF AMERICA
A US COMPANY
INVENTOR : 1) STEPHEN HAROLD BROWN
2) TERRY EUGENE HELTON
3) ARTHUR PAUL WERNER
INTERNATIONAL APPLICATION NO : PCT/US99/01984 DATED 29/01/1999
INDIAN APPLICATION NO. : IN/PCT/2000/00234/MUM DATED 27/07/2000
PRIORITY NO. : 09/017,777 DATED 03/02/1998 OF U. S. A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

04 CLAIMS

- 1) A method for removing bromine-reactive contaminants from an aromatic hydrocarbon stream comprises:
- providing an aromatic hydrocarbon feedstream which has a diene level below 50 ppm;
 - contacting the feedstream with an acid active catalyst composition at a temperature from 200° to 500°F, a space velocity from 0.1 WHSV to 100 WHSV and a pressure from 50 to 100 psig to remove mono-olefinic bromine reactive contaminants

COMPLETE SPECIFICATION : 14 PAGES

DRAWINGS: 01 SHEETS

Indian Classification : 206E 194008

International Classification⁴ : G06F - 7/00

Title : "A GENERAL PURPOSE CENTRAL PROCESSING UNIT"

Applicant : INTEL CORPORATION, a company incorporated in the state of Delaware, United States of America, of 2200 Mission College Boulevard Santa Clara, California 95052

Inventors : ALEXANDER PELEG-ISRAEL
YAAKOV YAARI-ISRAELI
MILLIND MITTAL -US
LARRY MELVIN MENNEMEIER-US
BENNY EITAN-ISRAEL.

Kind of Application : Complete

Application for Patent Number 1993/DEL/1995 filed on 30.10.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

(03 Claims)

A general purpose central processing unit (CPU) comprising:
A storage device for containing a first packed data and a second packed data respectively including a first plurality of data elements and a second plurality of data elements;
A decoder for decoding an instruction, said instruction selected from an instruction set of said general purpose CPU, said instruction operable to set a length of said data element;
An at least one multiplying circuit, coupled to said storage device and said decoder for simultaneously multiplying each data element from the first plurality of data elements with a corresponding data element from the second plurality of data elements.

(Complete Specification 32 Pages Drawings 14 Sheets)

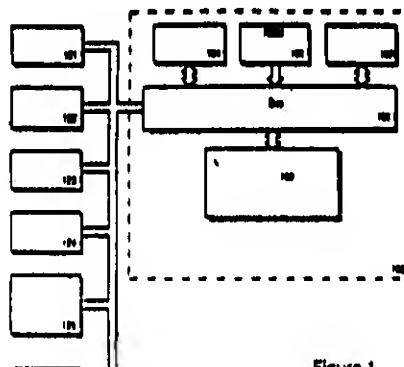


Figure 1

Indian Classification	:	140 B	194009
International Classification ⁷	:	C10M 07/00; C10M 07/46; C10M 07/48	
Title	:	"A LUBRICATING COMPOSITION AND METHOD FOR PREPARING THE SAME."	
Applicant	:	THE LUBRIZOL CORPORATION, a corporation organized under the laws of the State of Ohio, United States of America, of 29400 Lakeland Boulevard Wickliffe, Ohio 44092-2298, United States of America.	
Inventors	:	JAMES RAY SCHWIND – U.S. ROSS LEWIS BEEBE – U.S.	
Kind of Application	:	Complete	

Application for Patent Number 1090/DEL/95 filed on 14th June 95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(21 Claims)

A lubricating composition comprising a major amount of an oil of lubricating viscosity, (A) at least one organic polysulfide of the kinds such as hereinafter described which is a mixture comprising at least 90% dihydrocarbyl trisulfide, from 0.1% up to 8% dihydrocarbyl disulfide, and less than 5% dihydrocarbyl higher polysulfides, wherein the organic polysulfide mixture contains at least one polysulfide, the said organic polysulfide contains hydrocarbyl group having at least from 1 to 30 carbon atoms, and (B) at least one overbased metal composition of the kinds such as hereinafter described, or a phosphorus or boron compound, or mixtures thereof and wherein (A) is present in an amount from 0.1% up to 10% by weight and (B) is present in an amount from 0.1% up to 10% by weight, and optionally comprising an inert organic diluent of the kind such as herein described which is present in an amount from 0.1% to 49.9% by weight of the total composition.

(Complete Specification 70 Pages Drawings Nil Sheet)

International Classification⁷ :- C21B 13/14 **194010**

Title :- "Apparatus and process for the production of reduced iron".

Applicant :- VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, an Austrian company, of 44 Turnmstrasse, A-4020 Linz, Austria.

Inventors :- LEOPOLD WERNER KEPLINGER - AUSTRIAN,
KONSTANTIN - MILIONIS - AUSTRIAN,
DIETER - SIUKA - AUSTRIAN,
HORST - WIESINGER - AUSTRIAN.

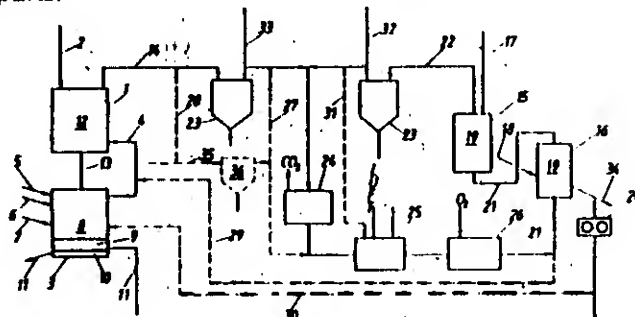
Kind of Application :- COMPLETE

Application for Patent Number 1812/Del/1995 filed on 29/09/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 19)

An apparatus for the production of reduced iron in liquid [= pig iron] and solid [+ = sponge iron] state comprising a direct-reduction shaft furnace [1] for lumpy iron ore, a melter gasifier [3], a feed duct [4] for a reducing gas connecting the melter gasifier [3] with the shaft furnace [1], a conveying duct [13] for the reduction product formed in the shaft furnace [1] connecting the shaft furnace [1] with the melter gasifier [3], a top-gas discharge duct [14] departing from the shaft furnace [1], feed ducts [5, 6, 7] for oxygen-containing gases and carbon carriers connected to the melter gasifier [3] and a tap [11] for pig iron and slag provided at the melting vessel [3], characterized by at least one fluidized bed reactor [15, 16] to receive fine ore, a reducing-gas feed duct [21] leading to said fluidized bed reactor [15, 16], an offgas discharge duct [22] departing from the fluidized bed reactor [15] and a discharge means [34] preferably a briquetting means [20], provided for the reduction product formed in the fluidized bed reactor [15, 16], wherein the top-gas discharge duct [14] of the shaft furnace [1] and the offgas discharge duct [22] of the fluidized bed reactor [15] run into a purification means, such as a scrubber [23], and subsequently into a heating means [25, 26] from which the reducing-gas feed duct [21] of the fluidized bed reactor [15, 16] departs.



Complete Specification

No of
Pages

18

Drawings
Sheets

1

IND. CL. : 14 C 194011

INT. CL. : H 01 M 2/00

TITLE : A CORROSION RESISTANCE LEAD ACID BATTERY

APPLICANT : MANOJ SANTOSHCHAND LUNAWAT
GANDHI NAGAR, YAVATMAL,
PIN: 445001, MAHARASHTRA, INDIA,
INDIAN NATIONAL

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO. : -----

INDIAN APPLICATION NO. : 492 MUM 2001 DATED 25/05/2001

PRIORITY NO. : -----

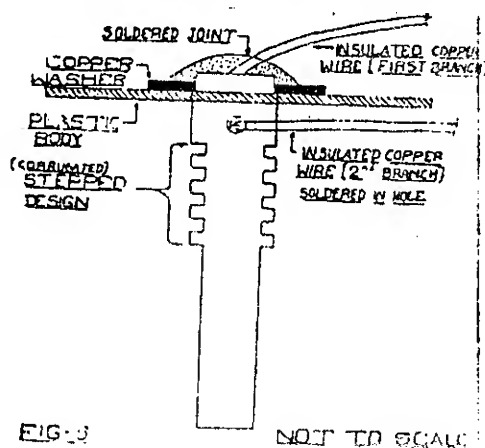
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

01 CLAIMS

1) A corrosion resistance lead acid battery comprising a negative terminal and positive terminal connected by copper wiring wherein the plurality of positive and negative plates are parallelly placed at space and dipped into the acid bath below the said plates in an enclosed container so as to produce positive and negative charges in the corresponding terminals characterised in that the positive terminal have multiplicity of circular steps at intervals near the top, a copper washer at the top joined by soldering with insulated copper wire and another insulated copper wire soldered in a hole provided between the top and the steps in the body so as to prevent acid leaking to the copper wire thereby providing prolong life of the terminal, reduce heat and repairs thus a longer life for battery.

COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS: 06SHEETS



IND. CL. : 128 G **194012**

INT. CL. : A 61 F 5/44, 5/452

TITLE : RECTAL INSERTION DEVICE AND A KIT FOR TREATING DISORDERS OF THE DIGESTIVE TRACT

APPLICANT : ASTRAZENECA AB
(FORMERLY KNOWN AS ASTRA AB)
SE - 151 85 SODERTALJE, SWEDEN
A SWEDISH COMPANY

INVENTOR : 1) GUDMUND DVARSAETER

INTERNATIONAL APPLICATION NO. : PCT/SE98/02317 DATED 15/12/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00036/MUM DATED 19/05/2000

PRIORITY NO. : 970 4712-0 DATED 17/12/1997 OF SWEDEN

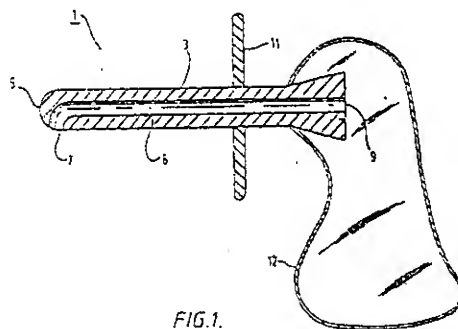
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS. (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

15 CLAIMS

1) A rectal insertion device for (1) treating disorders of the digestive tract of a human or animal body comprising an elongate shaft (3) which is insertable into the anal canal of the human or the animal body characterized in that the rectal insertion device (1) further comprises a receptacle (12) for collecting faeces discharged when the elongate shaft is inserted into the anal canal.

COMPLETE SPECIFICATION : 09 PAGES

DRAWINGS: 01 SHEETS



IND. CL. : 187 C3 **194013**
INT. CL. : II 04 Q 7/38
TITLE : A TELECOMMUNICATIONS NETWORK
APPLICANT : TELEFONAKTIEBOLAGETELM ERICSSON [PUBL], A
SWEDISH COMPANY, OF S-126 25 STOCKHOLM, SWEDEN
INVENTOR : PONTUS WALLENTIN
INTERNATIONAL APPLICATION NO : PCT/ SE 99/00303 DATED 02.03.1999
INDIAN APPLICATION NO. : IN/PCT/2000/00336/MUM DATED 22.08.2000
PRIORITY NO. : 09/035,788 DATED 06.03.1998 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

10 CLAIMS

A telecommunications network comprising a source exchange and a target exchange, the source exchange controlling connections with mobile stations which utilize radio frequency resources in the region supervised by the target exchange, the telecommunications network being characterized by:

a control unit for the said target exchange which determines a congestion condition in a region supervised by the target exchange and which sends a congestion message to the source exchange;

a control unit for the said source exchange which, upon reception of congestion message, adjusts at least one connection with a mobile station which the control unit controls in the region supervised by the target exchange for managing congestion in the region.

Comp.specn. : 24 pages

Drawings: 12 sheets

IND. CL. : ----- 194014

INT. CL. : B 03 C 7/08

TITLE : A PROCESS FOR SEPARATING METALLIC DEBRIS FROM COAL BEING CONVEYED TO A PULVERIZER CRUSHER

APPLICANT : THE AHMEDABAD ELECTRICITY CO. LTD.
ELECTRICITY HOUSE, LAL DARWAJA,
AHMEDABAD 380 001,
GUJARAT, INDIA
AN INDIAN COMPANY

INVENTOR : 1) SURESH BHIKHABHAI JANI
2) RAMESHCHANDRA BHAGWANJI MEHTA
3) RAVJIBHAI BHAGABHAI PATEL
4) BHANUPRASAD CHIMANLAL NAIK

INTERNATIONAL APPLICATION NO : -----

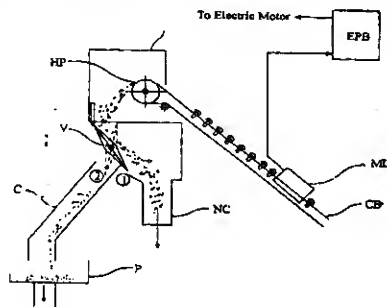
INDIAN APPLICATION NO. : 1025 MUM 2000 DATED 15/11/2000

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 04.06.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

08 CLAIMS

1) A method of separating metal debris from coal being conveyed to a pulverizer/crusher comprising the steps of:
providing a metal detector on-line of the conveyor conveying coal from an inlet hopper to a normal chute leading to a crushing/pulverizing machine;
providing a normally closed by-pass chute and a normally closed valve down stream of the conveyor;
providing diverting means for diverting coal being conveyed from the normal chute to the by-pass chute and back;
electrically connecting the detector to the diverting means such that the diverting means can respond to signals received by the presence of metal detected by the detector to operate the diverting means and divert the conveyed coal to the by-pass chute and subsequent signals signifying the absence of metal in the conveyed coal to again actuate the diverting means to divert the conveyed coal to the normal chute



PROVISIONAL SPECIFICATION: 10 PAGES
COMPLETE SPECIFICATION: 16 PAGES

DRAWINGS: 02 SHEETS
DRAWINGS: 04 SHEETS

IND. CL. : 90 H **194015**
INT. CL. : B 60 C 15/00, 15/05, 15/06
TITLE : A TYRE HAVING A TYRE SECTION HEIGHT/TYRE SECTION WIDTH FORM RATIO OF LESS THAN 0.8 TO BE FITTED ON A VEHICLE BEARING HEAVY LOADS
APPLICANT : COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN-MICHELIN & CIE
 12, COURS SABLON, F-63040
 CLERMONT-FERRAND
 CEDEX 09, FRANCE
 A FRENCH COMPANY
INVENTOR : 1) PASCAL AUXERRE
INTERNATIONAL APPLICATION NO : PCT/EP98/08264 DATED 16/12/1998
INDIAN APPLICATION NO. : IN/PCT/2000/00205/MUM DATED 20/07/2000
PRIORITY NO. : 98/00291 DATED 12/01/1998 OF FRANCE

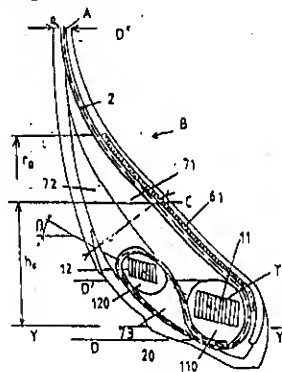
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
 PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

11 CLAIMS

1) a tyre having a tyre section height/tyre section width form ratio of less than 0.8, to be fitted on a vehicle bearing heavy loads, said tyre comprising at least one radial carcass reinforcement [2], formed of at least one ply [2] of inextensible reinforcement elements, which is anchored within each bead B to at least two bead wires [11, 12] which are close to each other, which is turned up about the first bead wire and then wound around the second bead wire to form an upturn [20], characterized in that, viewed in meridian section, an additional reinforcement armature [6], formed of at least one ply [61] of circumferential reinforcement elements, is placed along the carcass reinforcement [2], at least axially to the inside, said reinforcement armature [6] having firstly its radially lower end radially beneath the straight line D' which is parallel to the axis of rotation and passes through that point of the coating layer [110] of the first anchoring bead wire [11] which is radially farthest from the axis of rotation, but above the straight line D which is parallel to the axis of rotation and passes through that point of the coating layer [110] of the first anchoring bead wire [11] which is radially closest to the axis of rotation, and secondly its radially upper end of the additional reinforcement armature [6] located at a radial distance from the straight line D which lies between a quantity equal to half the radial distance between the straight line D and D'' increased by half radial distance between the straight lines D and D'' and a quantity equal to half the radial distance between the straight lines D and D'' reduced by half the radial distance between the straight lines D and D', the straight line D'' being the straight line of greatest axial width.

COMPLETE SPECIFICATION : 19 PAGES

DRAWINGS: 04 SHEETS



IND. CL. : 39 (Q) 194016

INT. CL. : B 03 D 1/00, C 22 B 11/00

TITLE : AN IMPROVED PROCESS FOR THE SELECTIVE PREPARATION OF COMPOUNDS CONTAINING A SULFOXIDE GROUP WHILE SUBSTANTIALLY AVOIDING FORMATION OF UNDESIREDF SULFONES.

APPLICANT : LUPIN LABORATORIES LTD.
159, CST ROAD, KALINA,
SANTACRUZ (E), MUMBAI – 400 098,
STATE OF MAHARASHTRA,
INDIA, AN INDIAN COMPANY.

INVENTOR 1) KUMAR ASHOK
2) PRASAD K V V.
3) KAUSHIK C.P.
4) RANE R.A.

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 676/BOM/1999 DATED 29.09.1999
APPLICATION NO.

PRIORITY NO. : -----

COMPLETE AFTER PROVISIONAL LEFT ON 27.12.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

14 CLAIMS

An improved process for preparation of compounds containing a sulfoxide group, substantially free of undesired sulfone impurity comprising oxidation of the corresponding thioether or sulfide compounds selectively with a peroxyacid essentially in the presence of dimethyl sulfoxide, in an inert solvent or water and at a temperature ranging from 0⁰C to 60⁰C.

Comp.specn.: 17pages

Drawings – niL– sheet.

Prov.specn.: 9 pages

Drawings – niL– sheet.

IND. CL. : 194017

INT. CL. : B 23 Q 15/16
G 05 B 19/404, 19/18

TITLE : A DEVICE FOR CARRYING OUT THE TOOL WEAR
COMPENSATION METHOD FOR CNC CONTROLLER

APPLICANT : PRAKASH KRISHNA RATNAPARKHI
ELEKTRA HOUSE, 691/1A,
PUNE-SATARA ROAD, PUNE 411 037,
MAHARASHTRA, INDIA,
AN INDIAN NATIONAL

INVENTOR : - IDEM -

INTERNATIONAL : -----
APPLICATION NO

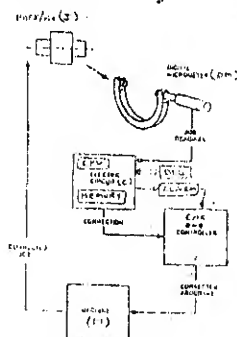
INDIAN : 243 MUM 2001 DATED 13/03/2001
APPLICATION NO.

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 24.05.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

05 CLAIMS

1) A device for carrying out the tool wear compensation method for CNC controller of a machine tool adapted to generate a tool program for determining the dimensions for manufacturing a job or part which comprises a central processing unit having processing means and memory in which at least one dimension of the part of job to be machined is stored; linking means to link the central processing means to the CNC controller of a machine tool; a digital dimension measuring device in communication with the said central processing unit for measuring the dimension of a job or part produced by the machine, a first transmitting means to transmit the dimension in digital form to the central processing unit, comparing means in the processing means to compare the said measured dimension with the stored dimension to create a correction signal; and a second transmitting means to transmit the correction signal to the CNC controller for compensating the tool program to manufacture a job or a part with accurate dimensions



PROVISIONAL SPECIFICATION : 04 PAGES
COMPLETE SPECIFICATION : 10 PAGES

DRAWINGS: 01 SHEETS
DRAWINGS: 01 SHEETS

IND. CL. : 128 F **194018**

INT. CL. : A 61 M 5/00

TITLE : A MEDICAL DEVICE FOR DISPENSING AN INJECTABLE FLUID

APPLICANT : THOMAS JEFFERSON SHAW
1510 HILLCREST,
LITTLE ELM, TEXAS 75068,
UNITED STATES OF AMERICA
A US CITIZEN

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : PCT/US99/04734 DATED 03/03/1999

INDIAN APPLICATION NO. : IN/PCT/2000/00352/MUM DATED 31/08/2000

PRIORITY NO. : 09/034,411 DATED 04/03/1998 OF U. S. A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

17 CLAIMS

1) A medical device for dispensing an injectable fluid from a carpule through a needle that is retractable following use, the device comprising:

a tubular housing having a front portion, an inner wall surface and an open back end;

a carpule insertable into housing through the open back end, the carpule having a cylindrical wall, a front opening containing a slidable front seal, a rear opening, and a two-part piston inserted through the rear opening into sealing and sliding engagement with the cylindrical wall to define a medicament chamber confining the injectable fluid between the front seal and the piston prior to injection;

a plunger slidably insertable into the housing and having separate outer and inner walls, said outer plunger wall being insertable into an annular space between the inner wall surface of the housing and the cylindrical wall of the carpule, and said inner plunger wall being slidably insertable into the carpule to move the piston seal forward as the plunger is depressed into the housing by a user during an injection;

a retraction mechanism mounted in the front portion of the housing, the retraction mechanism comprising a needle holder, needle portions extending forwardly and rearwardly from the needle holder, a biasing element applying a rearwardly directed retraction force to the needle holder, and a separable member gripping the needle holder and being restrained by the inner wall surface of the housing;

the front seal of the carpule being puncturable by the rearwardly extending needle portion, thereby establishing a flow path between the injectable fluid disposed inside the carpule and the forwardly extending needle portion as the plunger is depressed into the housing;

said front seal of the carpule being rearwardly displaceable into the carpule and said separable member being forwardly displaceable and disengageable from the needle holder upon full depression of the plunger into the housing following injection of the injectable fluid through the forwardly extending needle portion;

whereby, following disengagement of the separable member from the needle holder, the needle holder and the needle portions are forced upwardly into the housing due to the retraction force exerted on the needle holder by the biasing element



COMPLETE SPECIFICATION : 18 PAGES

DRAWINGS: NIL

IND. CL. : 116 C **194019**

INT. CL. : F 27 B 21/06
B 65 G 15/60

TITLE : BELT FOR THE THERMAL TREATMENT OF A
CONTINUOUSLY OPERATED MATERIAL BED

APPLICANT : OUTOKUMPU OYJ
RIIHITONTUNTIE 7,
FIN-02200 ESPOO, FINLAND
A FINNISH PUBLIC LIMITED COMPANY

INVENTOR : 1) NIEMELA PEKKA
2) JANKKILA MARTTI
3) VAANANEN EERO

INTERNATIONAL APPLICATION NO : PCT/FI01/00058 DATED 24/01/2001

INDIAN APPLICATION NO. : IN/PCT/2002/01007/MUM DATED 23/07/2002

PRIORITY NO. : 20000200 DATED 31/01/2000 OF FINLAND

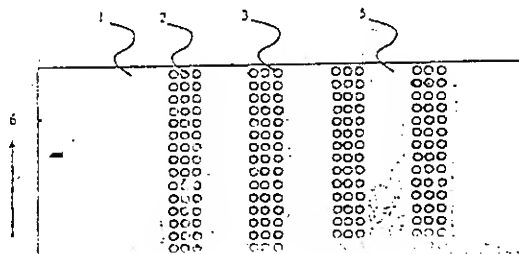
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE , MUMBAI - 13.**

08 CLAIMS

1) A conveyor belt for a continuously operated conveyor-type thermal treatment, i.e. sintering, of a material bed, said conveyor belt being provided with perforations in order to allow the gases that are used for heating and possibly cooling the material bed to flow through the material bed and the conveyor belt, and said conveyor being based on elements connected to each other characterised in that the conveyor belt is made of perforated, at least one-part element (1, 11, 21) made of a metal piece and allowing the gas to flow through, and that the perforations (2, 13, 14, 26, 27) are arranged in zones alternating with perforation-free element parts, and that the area of the perforations (2, 13, 14, 26, 27) is about 20 – 60% of the total area of the conveyor belt.

COMPLETE SPECIFICATION : 09 PAGES

DRAWINGS: 03 SHEETS



IND. CL. : 170 D **194020**

INT. CL. : C 11 D 1/00

TITLE : DETERGENT COMPOSITIONS

APPLICANT : HINDUSTAN LEVER LIMITED
HINDUSTAN LEVER HOUSE
165/166, BACKBAY RECLAMATION,
MUMBAI - 400 020,
MAHARASHTRA, INDIA
AN INDIAN COMPANY

INVENTOR : 1) BAKKER VERA JOHANNA
2) BERTHOD DANIEL PIERRE MARIE
3) JOYEUX CHRISTOPHE MICHEL BRUNO
4) WRIGHT DUNCAN HOWARD

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 237 MUM 2001 DATED 12/03/2001

PRIORITY NO. : 0006037.6 DATED 13/03/2000 OF UNITED KINGDOM

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

23 CLAIMS

- 1) A particulate laundry detergent composition having a bulk density within the range of from 550 to 900 g/l, comprising non-soap organic surfactants and detergency builders, the composition comprising at least two different granular multiingredient components:
- (i) a first granular component comprising non-soap surfactant and detergency builder and having a bulk density within the range of from 550 to 1000 g/l, the first granular component having a weight ratio of a first ingredient to a second ingredient of r ,
 - (ii) a second granular component comprising non-soap surfactant and detergency builder and having a bulk density within the range of from 300 to 500 g/l and having a weight ratio of the first ingredient to the second ingredient of r' ,
- wherein the ratio of r to r' is within the range of from 1.25:1 to 1: 1.25, and wherein the first ingredient is selected from the group consisting of non-soap anionic surfactant and total non-soap surfactant, and the second ingredient is nonionic surfactant.

COMPLETE SPECIFICATION : 40 PAGES

DRAWINGS: NIL

IND. CL. : 128 G 194021

INT. CL. : A 61 F 6/00

TITLE : APPLICATOR RING FOR CONDOMS

APPLICANT : REINHARD LIEHS
HANS-SACHS-GASSE 14,
A-5020 SALZBURG, AUSTRIA
AN AUSTRIAN CITIZEN

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : PCT/AT98/00318 DATED 22/12/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00120/MUM DATED 22/06/2000

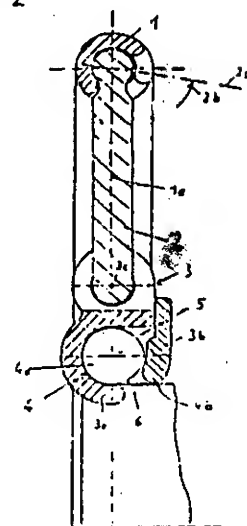
PRIORITY NO. : A 2168/97 DATED 22/12/1997 OF AUSTRIA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

1) Applicator ring for condoms with a ring (1) that keeps the condom (4) tense, wherein at least three connecting rods (2) are articulated on the ring (1), an elastic retaining claw (3) consisting of two locking parts, which are formed to be integral to the corresponding connecting rod being pivotally attached at the end of each rod and being designed to clutch the roll (4a) of the condom (4), said retaining claw (3) comprising a bore (21), characterized in that the retaining claws (3) are provided with means to achieve a position allowing the insertion of the condom and that they are pretensioned in the position encompassing the condom.

Fig. 2



COMPLETE SPECIFICATION : 09 PAGES

DRAWINGS : 06 SHEETS

IND. CL. : 25 | A . 194022
INT. CL. : E 04 B 2/18
TITLE : AN INTER LOCKING OR SELF LOCKING BRICK/BRICK
BLOCKS FOR NOVEL CONSTRUCTION SYSTEM
APPLICANT : KIRIT SHAH
UNIT NO. 3, OPAL, PLOT NO. 252,
SECTOR - 28, VASHI,
NAVI MUMBAI - 400 703
INDIAN NATIONAL
INVENTOR : - IDEM -
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 245 MUM 2001 DATED 14/03/2001
APPLICATION NO.
PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

1) An inter locking or self locking Brick / Block for novel construction system in the field of civil engineering construction, comprising a three dimensional building element having upper and lower and side surfaces which are substantially parallel to each other, a projecting off set part in two axial direction in the middle upper surface of the brick or block and a continuous hollow portion in lower surface such that the projected portions would connect or / self align with hallow portion of the adjoining bricks, and front side extended part would get connected with the back hallow part of front brick, to form an interlocking arrangement with adjoining bricks.

Fig No. 6 : Top View



COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS: 04 SHEETS

IND. CL. : 145C
143 D3 **194023**

INT. CL. : D 21 F 11/12
B 31 F 1/20

TITLE : IMPROVED CORRUGATED BOARD AND A PACKING BOX
MADE THEREFROM

APPLICANT : KABRA RAJENDRA GIRIRAJ
4, BIRLA SHOPPING CENTRE,
OPP. NASIK ROAD COLLEGE,
NASIK ROAD 422 101,
MAHARASHTRA, INDIA
INDIAN NATIONAL

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 62 MUM 2001 DATED 19/01/2001

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 01.04.2002

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

11 CLAIMS

1) An improved corrugated board comprising of a plurality of corrugated paper plys pasted/pressed together, one over the other, characterized in that at least one of the said plys has its corrugations parallel to the axial direction of the board and at least one of the remaining plys has its corrugations parallel to the lateral direction of the said board.

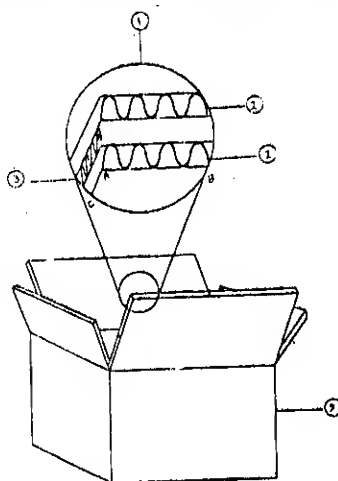


Fig No. 4

PROVISIONAL SPECIFICATION : 04 PAGES
COMPLETE SPECIFICATION : 09 PAGES

DRAWINGS: 04 SHEETS
DRAWINGS: NIL

IND. CL. : 40 C 5 **194024**

INT. CL. : B 01 J 19/10

TITLE : SONIC METHOD OF ENHANCING CHEMICAL REACTIONS

APPLICANT : ARCH CHEMICALS, INC.
501 MERRITT 7, P.O. BOX 5204,
NORWALK, CONNECTICUT 06856-5204,
UNITED STATES OF AMERICA

INVENTOR : 1) SAEED HOSSEINI MOHSENI
2) JOHN JOSEPH JARIDAS

INTERNATIONAL APPLICATION NO. : PCT/US99/04033 DATED 24/02/1999

INDIAN APPLICATION NO. : IN/PCT/2000/00320/MUM DATED 22/08/2000

PRIORITY NO. : a) 60/075,803 DATED 24/02/1998 OF U. S. A.
b) 09/256,969 DATED 23/02/1999 OF U. S. A.

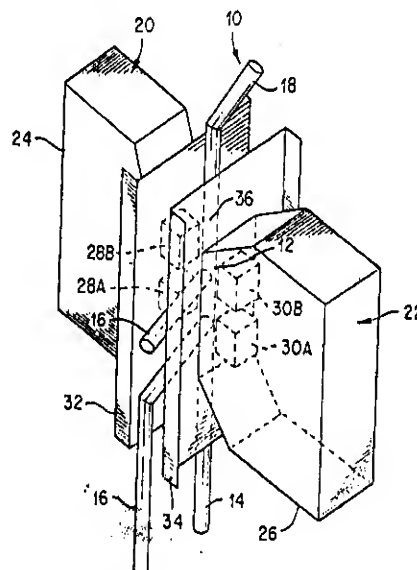
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

35 CLAIMS

1) An improved method for making a suspension, emulsion or dispersion of non-agglomerated solid or liquid particles, comprising the step of forming the particles by a chemical reaction of at least two reactants in a liquid medium in the presence of sonic energy and in the presence of conventional additive components of the kind such as herein described, characterized in that it comprises applying said sonic energy to the liquid medium at the point of contact of the reactants with each other, thereby causing intimate mixing of the reactants and an associated rapid completion of the reaction to produce a desired product being in the form of said suspension, emulsion or dispersion of non-agglomerated particles having an essentially uniform size and shape.

3/3

COMPLETE SPECIFICATION: 38 PAGES
DRAWINGS: 03 SHEETS



JND. CL. : 206 K **194025**

INT. CL. : H 04 L 12/28, 29/06

TITLE : A METHOD FOR PROVIDING FUTURE UPGRADABILITY AND EXPANDABILITY OF DEVICES IN A HOME AUDIO / VIDEO NETWORK AND AN APPARATUS FOR THE SAME

APPLICANT : SONY ELECTRONICS, INC.
1 SONY DRIVE, PARK RIDGE,
NEW JERSEY 07656,
UNITED STATES OF AMERICA
A DELAWARE CORPORATION

INVENTOR : 1) RODGER J. LEA

INTERNATIONAL APPLICATION NO : PCT/US98/26822 DATED 17/12/1998

INDIAN APPLICATION NO. : IN/PCT/2000/00143/MUM DATED 30/06/2000

PRIORITY NO. : 09/003,112 DATED 06/01/1998 OF U. S. A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

20 CLAIMS

1) A method for providing future upgradability and expandability of devices in a home audio video network, the method comprising the steps of:

a) generating a default control module for a first device coupled to the network by using a second device coupled to the network, wherein the default control module is configured to provide a predetermined minimum degree of interoperability between the first device and the second device;

b) accessing the first device via the default control module by using the second device, wherein the default control module enables the first device to respond to a default set of commands from the second device;

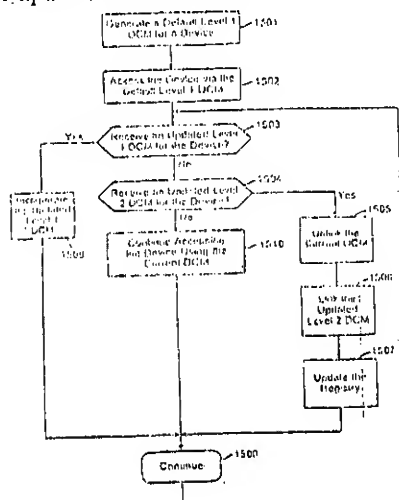
c) receiving an updated control module for the first device;

d) replacing the default control module with the updated control module by unlinking the default control module and linking the updated control module; and

e) accessing the first device via the updated control module wherein the updated control module enables the first device to respond to an updated set of commands, from the second device; wherein the first device can be controlled by commands originating from the devices of the home audio video network that are received by the updated control module.

COMPLETE SPECIFICATION : 73 PAGES

DRAWINGS: 17 SHEETS



IND. CL. : 194026

INT. CL. : C 08 F 16/00

TITLE : CONTINUOUS VAPOR-PHASE PROCESS FOR OLEFIN POLYMERIZATION.

APPLICANT : MITSUI CHEMICALS INC
OF 2 - 5 KASUMIGASEKI
3 - CHOME, CHIYODA-KU,
TOKYO 100-6070,
JAPAN.

INVENTOR : 5) TOSHIYUKI TSUTSUI
6) MAMORU KIOKA

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 1090/MUM/2000 DATED 01.12.2000
APPLICATION NO.

PRIORITY NO. : 2000-348066 dated 15.11.2000 of Japan.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

9 CLAIMS

A continuous vapor-phase process for olefin polymerization comprising polymerizing or copolymerizing olefins in the presence of an olefin polymerization catalyst formed from

- (A) a solid titanium catalyst component containing magnesium, titanium and halogen as essential ingredients,
- (B) an organoaluminum compound catalyst component, and
- (C) $\text{SiR}^1\text{R}^2(\text{OR}^3)_2$

Wherein R^1 and R^2 are each a cyclopentyl group, a cyclopentyl group, a cyclopentadienyl group, cyclopentyl group substituted with 1 to 4 alkyl groups of 1 to 4 carbon atoms, a cyclopentyl group substituted with 1 to 4 alkyl groups of 1 to 4 carbon atoms a cyclopentadienyl group substituted with 1 to 4 carbon atoms, a cyclopentadienyl group substituted with 1 to 4 alkyl groups of 1 to 4 carbon atoms, or an indenyl group, an indanyl group, a tetrahydroindenyl group or a fluorenyl group which may be substituted with 1 to 4 alkyl groups of 1 to 4 carbon atoms and R^3 is a methyl group of an ethyl group.

Comp.specn.: 45pages

Drawings - 1- sheet

IND. CL. : 45 B 1
45 G 3 **194027**

INT. CL. : A 47 K 3/26
E 03 D 9/08
A 47 K 13/02, 13/14

TITLE : IN BUILT MOULDED JET SPRAY NOZZLE FOR WATER CLOSET SEAT

APPLICANT : JEEVANKUMAR HARIRAM HEMRAJANI
3, NAYAN APPARTMENT, 25,
SARDAR PATEL NAGAR, ELLISBRIDGE,
AHMEDABAD 380 006,
GUJARAT STATE, INDIA
NATIONALITY AN INDIAN

INVENTOR : - IDEM -

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 451 MUM 2000 DATED 16/05/2000

PRIORITY NO. : -----

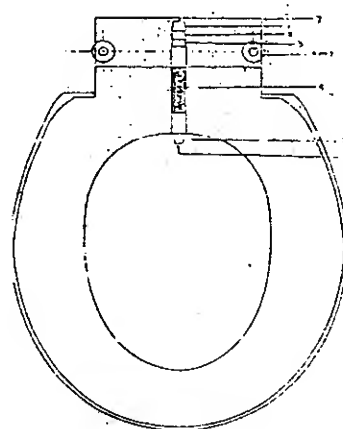
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

1) IN-BUILT MOULDED JET SPRAY NOZZLE FOR WATER CLOSET SEAT consisting of three-nurlings, inlet hole, stopping hole and outlet hole; wherein jet spray nozzle is moulded in-built from back and bottom side of the closet seat

COMPLETE SPECIFICATION : 08 PAGES

DRAWINGS: 02 SHEETS



IND. CL. : 90 H 194028

INT. CL. : B 60 C 15/06, 3/04

TITLE : A TYRE COMPRISING AT LEAST ONE RADIAL CARCASS REINFORCEMENT

APPLICANT : COMPAGNIE GENERALE DES ESTABLISSEMENTS
MICHELIN – MICHELIN & CIE
12 COURS SABLON, F-63040,
CLERMONT-FERRAND CEDEX 09, FRANCE
A FRENCH COMPANY

INVENTOR : 1) PASCA AUXERRE

INTERNATIONAL APPLICATION NO : PCT/EP98/08263 DATED 16/12/1998

INDIAN APPLICATION NO : IN/PCT/2000/00206/MUM DATED 20/07/2000

PRIORITY NO. : 98/00290 DATED 12/01/1998 OF FRANCE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

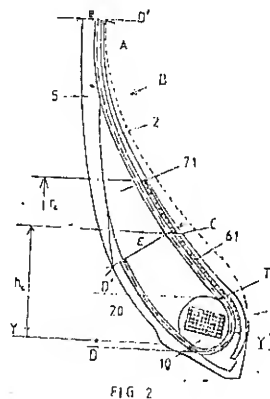
07 CLAIMS

1) A tyre, comprising at least one radial carcass reinforcement (2) which is formed of at least one ply (2) of inextensible reinforcement elements and is anchored within each bead B to a bead wire (1) to form an upturn (20), each bead B being reinforced by an additional reinforcement armature (6) consisting of a least one ply (61) formed of metal elements, arranged axially to the inside of the non-upturned part of said carcass reinforcement (2), characterized in that, viewed in meridian section, the carcass reinforcement (2) has a meridian profile, the trace of which between the point A of greatest axial width and the point of tangency T with the virtually circular coating layer (10) of the anchoring bead wire (1), is convex over its entire length, and such that the thickness ε of the bead B, measured on a line perpendicular to said meridian profile at a point C of height h_c of between 30 and 40 mm and measured relative to the base of the bead YY', is between 2.5 and 3.0 times the thickness e of the sidewall measured on the straight line D'D" of greatest axial width, said carcass reinforcement (2) being reinforced, in its non-upturned part, by the additional reinforcement armature (6) formed of at least one ply (61) of circumferential reinforcement elements.

2 / 3

COMPLETE SPECIFICATION : 13 PAGES

DRAWINGS: 03 SHEETS



IND. CL. : 39 (N) **194029**

INT. CL. : C 01 F 7/47

TITLE : PROCESS FOR PRODUCING ALUMINA

APPLICANT : CURTIN UNIVERSITY OF TECHNOLOGY,
OF KENT STREET,
OF BENTLEY,
WESTERN AUSTRALIA 6102,
AUSTRALIA.

INVENTOR : 1) DERMOT MICHAEL O'HARE
2) ANDREW MICHAEL FOGG
3) GORDON MICHAEL PARKINSON.

INTERNATIONAL APPLICATION NO : PCT/GB 98/03705/ DATED 10.12.1998

INDIAN APPLICATION NO. : IN/PCT/2000/00092/ MUM DATED 16.06.2000

PRIORITY NO. : 9726117.6 DATED 11.12.1997 OF GREAT BRITAIN.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

40 CLAIMS

A process for producing alumina from bauxite which comprises treating bauxite with an alkali to form a mixture comprising a solution of aluminium-containing ions and precipitating alumina trihydrate from the solution, characterized in that the solution contains at least one anionic impurity and in that the process comprises treating the solution before or after the precipitation step with a layered double hydroxide which contains hydroxide anions intercalated into the layers in the layered double hydroxide whereby the hydroxide anions are released from the layers into the solution and the anionic impurity is removed from the solution by intercalation into the layers in the layered double hydroxide.

Comp. specn. 27 pages

Drawings: NIL Sheets.

IND. CL. : 126 C **194030**
INT. CL. : G 01 R 11/12
TITLE : A JEWELLED BEARING FOR USE IN ELECTRIC METERS
APPLICANT : INDUSTRIAL JEWELS PVT. LTD
 KAMANI CHAMBERS, 2ND FLOOR,
 32, RAMJIBHAI KAMANI MARG,
 BALLARD ESTATE, MUMBAI 400 038,
 MAHARASHTRA, INDIA
 AN INDIAN COMPANY
INVENTOR : 1) RAMESHCHANDRA CHHOTALAL MEHTA
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO. : 845 BOM 1999 DATED 24/11/1999

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 22.02.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

33 CLAIMS

- 1) A jeweled bearing for use in electric meters consisting of
- (i) a main sleeve type body open at both ends;
 - (ii) a hollow cap sleeve type element fitted at one end of the said body and partially protruding from the end;
 - (iii) a pivot having a tapering bore in which the rotating shaft of the meter can engage, completely housed in the said cap element, said pivot being fitted with a first jewel at its operative lower end;
 - (iv) a spring loaded jewel holder housed in the body and fitted with a second jewel, said jewel holder provided with a spring locating slot at one end;
 - (v) a tungsten carbide ball sandwiched between the two jewels;
 - (vi) a plug closing one end of the main body and fitted in place by a ball and slot formation, said plug having a slot formation for locating a spring;
 - (vii) a spring fitted within the slot formation in the jewel holder and the slot formation in the plug for abuttingly engaging the formation of the two jewels and the tungsten carbide ball.

PROVISIONAL SPECIFICATION : 05 PAGES DRAWINGS: 02 SHEETS
 COMPLETE SPECIFICATION : 10 PAGES DRAWINGS: 02 SHEETS

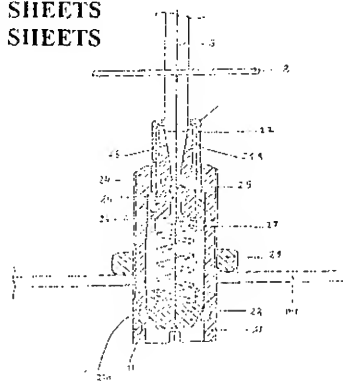


FIGURE 1

Int. Cl. : G10D 3/00

194031

Ind. Cl : 137

Title : A HINDUSTANI SLIDE GUITAR

Applicant : DEBASHISH BHATTACHARYA, 181, REGENT COLONY,
CALCUTTA -700 040, WEST BENGAL, INDIA.

Inventor : DEBASHISH BHATTACHARYA

Application no 915/CAL/1998 FILED ON 20.5.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.

20 CLAIMS.

A Hindustani slide guitar comprising :

a hollow bodied sound box with sound hole at the top thereof ;

an extending neck member extending therefrom said sound box with
fret means positioned thereon ;

string means comprising plurality of playing strings and support
strings each said playing and support strings secured at one end
with respect to said sound box and passing over a bridge member
and further secured at its other end to key means provided with
respect to said neck member ;

atleast two chikary strings positioned at the treble side also
secured at one end to said sound box and passing through a
bridge member and secured at its other end to corresponding
chikary keys secured with respect to said neck portion ;

atleast eleven resonance strings provided at the base side and
also secured at one end to said sound box and passing over
bridge member and secured at its other end to corresponding keys
provided with respect to said neck member.

Complete Specification : pages.

Drawing : sheets

Int. Cl. ⁷ : F02M 37/04 37/10, B60K 15/00

194032

Ind. Cl : 107 G

Title : FUEL SUPPLY APPARATUS FOR VEHICLE

Applicant : KEIHIN CORPORATION OF 26-2 NISHISHINJUKU 1-CHOME,
CHINJUKU-KU, TOKYO, JAPAN

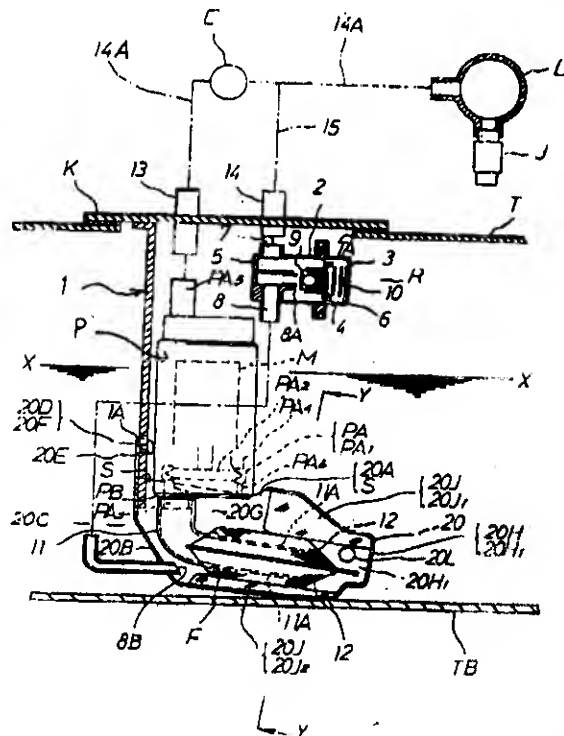
Inventor : 1. NAKAGAWA MITSUYUKI
2. ONUMA MICHIO
3. SUZUKI JUN

Application no 286/CAL/2003 FILED ON 26.5.2003
(CONVENTION NO.2002-189047 FILED ON 28.6.2002 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.

5CLAIMS.

A fuel supply apparatus for a vehicle in which a pressure of a fuel within a fuel tank is increased by an electric pump, and said pressure increased fuel is regulated to a predetermined pressure by a pressure control valve so as to be supplied to a fuel injection valve, characterized in that an electric pump (p) in which a filter (F) is attached to a pump suction passage (PA3) is arranged fixedly within the fuel tank (T), a filter cover (20) having an opening portion (20A) which surrounds substantially all the periphery of the filter (F) and is open to an inner side of the fuel tank (T) is arranged in an outer periphery of said filter, and a downstream opening portion (8B) of a return fuel passage (8) in a pressure control valve (R) is open toward an inner side (20G) of the filter cover (20).



Complete Specification : 33 pages.

Drawing : 3 sheets

Int. Cl.⁷ : F25D 17/00

194033

Ind. Cl : 50 E2

Title : METHOD AND APPARATUS FOR CIRCULATING COOL AIR IN REFRIGERATOR.

Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416, MAETAN-DONG PALDAL-GU, SUWON, KYONGGI-DO, KOREA.

Inventor : 1. HEE-KYUNG BAE.
2. UI-YOING JANG
3. JUNG-HEE PARK

Application no 1402/CAL/1997 FILED ON 28.07.1997
(CONVENTION NO. 97-2365 FILED ON 28.01.1997 IN REPUBLIC OF KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

7CLAIMS.

An apparatus for circulating a cool air in a refrigerator comprising :
an evaporator (212) mounted at the rear of the refrigerator compartment(220) ;
a blowing fan (213) for exhaling a cool air which is heat exchanged in the evaporator, into the inside of the refrigerator compartment ;
rear and front covers (228, 229) for forming an exhaling passage which guides the cool air heat exchanged to be exhaled into the inside of the refrigerator compartment ;
a cool air exhaling duct (240) mounted at the top of shelves in the refrigerator compartment;
a plurality of air guides (241) for guiding the cool air from the exhaling passage to be dispersed at an upper portion of the front in the refrigerator compartment;
a temperature sensor (225) mounted in the center of the refrigerator compartment, for sensing temperature of the refrigerator compartment ;
a door sensor (226) mounted in a panel at the front of the refrigerator compartment; for sensing whether the door is open or close; and
a controller linked to the temperature sensor and the door sensor, for operating the blowing fan depending on opening of the door of the refrigerator compartment,

characterized in that the said controller is adapted to switch on the blowing fan whenever the temperature in the refrigerator compartment exceeds a predetermined temperature as sensed by said temperature sensor or the door of the refrigerator compartment is opened as sensed by said door sensor, thereby forming and maintaining an air curtain by dispersing the cool air at an upper portion of the refrigerator compartment, and to prevent the cool air from leaking out outside when the refrigerator door is opened.

Complete Specification : 18 pages.

Drawing : 11 sheets

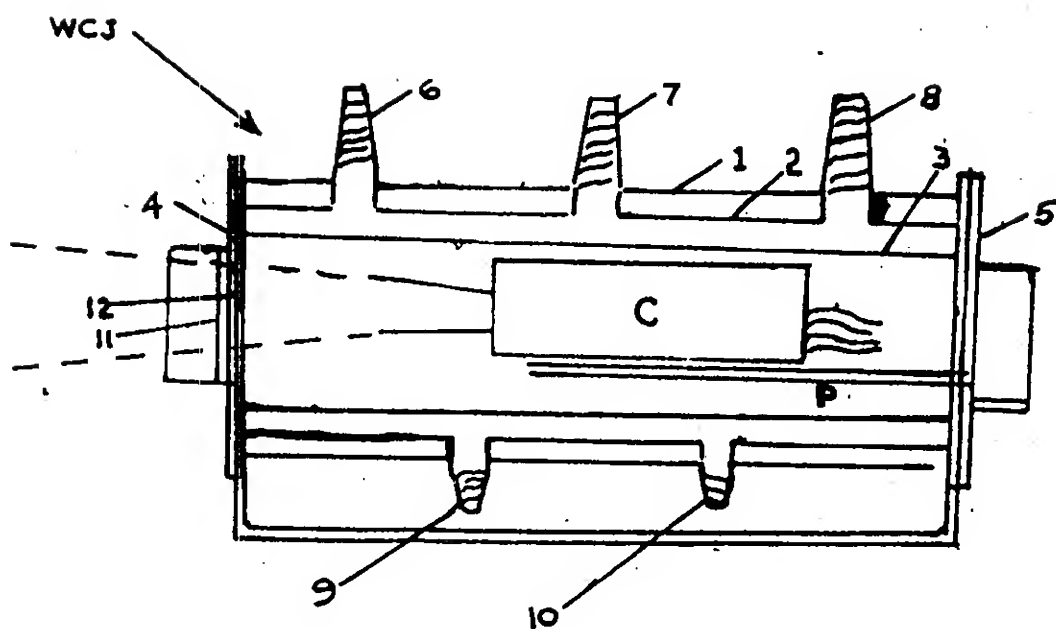
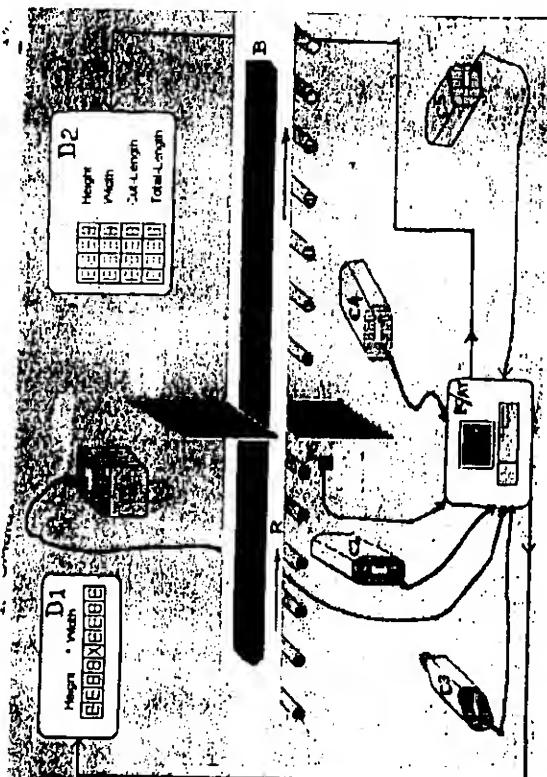
Int. Cl. ⁷	:	B23P 25/00	194034
Ind. Cl	:	129(G)	
Title	:	A SYSTEM FOR AUTOMATIC MEASUREMENT OF DIMENSIONS AND OTHER PARTICULARS OF HOT BLOOMS IN A STEEL PLANT	
Applicant	:	STEEL AUTHORITY OF INDIA LIMITED, OF ISPAST BHAWAN, LODHI ROAD, NEW DELHI – 11003, INDIA	
Inventor	:	<ol style="list-style-type: none">1. MOKKAPATY GOPALA KRISHNA.2. SUSHIL CHANDRA KHAN.3. MALAY RANJAN KHARE.4. KOLLURU SRI RAMA MURTY5. SHANMUGAM ILLANGOVAN.	

Application no 47/CAL/1999 FILED ON 21.01.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

5CLAIMS.

A system for automatic measurement of dimensions and other particulars of hot steel blooms in a steel plant , characterised in that the system comprises of five CCD cameras C1, C2, C3,C4 and C5 , such as herein described, being housed one each in a water cooling jacket WCJ, such as herein described, and a photo sensor PS each being positioned at different distances and locations with respect to a hot bloom B moving on a roll table R in a blooming mill; an industrial type PC/AT personal computer provided with a software, suitably programmed in C language, for computing the dimensional and other particulars of the moving hot bloom, based on the electrical outputs of the said cameras and photo sensor red into the computer; and two display units D1 and D2 installed one each at two operator's pulpits of the blooming mill for exhibiting instantaneously the computer outputs for the required dimensions and other particulars of the hot bloom.



Complete Specification : 9 pages.

Drawing : 2 sheets

Int. Cl. ⁷ : F01N 3/10 194035

Ind. Cl : 40A

Title : AN ENGINE EXHAUST TREATMENT APPARATUS FOR ABATING POLLUTANTS AND THE METHOD OF USE

Applicant : ENGELHARD CORPORATION OF 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830, USA

Inventor : 1. ZHICHENG HU
2. RONALD M. HECK.
3. RUDOLF M. SMALING.
4. ALAN R. AMUNDSEN

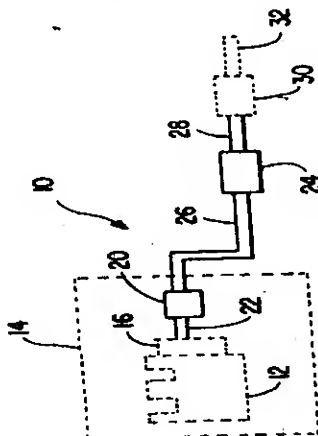
Application no 2179/CAL/1996 FILED ON 17.12.1996
(CONVENTION NO. 08/576 198 FILED ON 21.12.1995 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

24 CLAIMS.

An engine exhaust treatment apparatus for abating pollutants contained in the exhaust stream of the engine defines a flow path for the exhaust and comprises :

- (a) an upstream catalyst member comprising an upstream catalytic material effective for catalysing the oxidation of hydrocarbons and comprising a platinum group metal component dispersed on a refractory metal oxide first support, the upstream catalyst being substantially free of oxygen storage components; and
- (b) a downstream catalyst member comprising a downstream catalytic material effective for the oxidation of hydrocarbons and comprising one or more catalytic metal components dispersed on a refractory metal oxide support and further comprising an oxygen storage component.



Complete Specification : pages.

Drawing : sheets

Int. Cl. ⁷ : A61F 13/15

Ind. Cl : 60D

Title : A METHOD OF MANUFACTURING SANITARY ABSORBENT ARTICLE.

Applicant : JOHNSON & JOHNSON INC, OF 7101, NOTRE-DAME EAST, MONTREAL 1, QUEBEC, H3N204, CANADA.

Inventor : ROGER BOULANGER.

194036

Application no 2457/CAL/1997 FILED ON 26.12.1997
(CONVENTION NO. 2194125 FILED ON 30.12.1996 IN CANADA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

1 CLAIM.

A method of manufacturing sanitary absorbent articles suitable for placement within a crotch portion of an under-garment of a wearer, each article comprising:

- i) a main body, the main body having a first transverse side, a second transverse side, a first longitudinal side, a second longitudinal side, and an imaginary longitudinal center-line; and
- ii) a first flap capable of being folded about a first side edge of the crotch portion of the wearer's undergarment when the article is in use by the wearer, the first flap projecting laterally from the first longitudinal side of the main body, the first flap having two longitudinal sides, each longitudinal side projecting laterally outward from the first longitudinal side of said main body; comprising the steps of:
 - A) providing a web of at least one layer of continuous material;
 - B) severing from the web a first article and a second article arranged on with respect to the other such that:
 - (1) the second article is rotated with respect to the first article such that the first longitudinal side of the main body of each of the articles faces the first longitudinal side of the main body of the other of the articles, and
 - (2) the first transverse side of each of the articles is aligned with the second transverse side of the other of the articles, and
 - (3) an imaginary line generally parallel to, and located in-between, the longitudinal center-lines of each of the main bodies of each of the articles simultaneously intersects the first flap of each of the articles and wherein the second article is severed from the web arranged with respect to the first article such that one of the longitudinal sides of the first flap of the second article is substantially in contact with one of the longitudinal sides of the first flap of the first article.

Complete Specification : 32 pages.

Drawing : 4 sheets

Int. Cl⁷ : H01L - 27/00

Ind. Cl : 31C

Title : NON CONDUCTIVE SUBSTRATE FORMING A STRIP OR A PANEL ON WHICH A MULTIPLICITY OF CARRIER ELEMENTS IS FORMED.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 , MUNCHEN, GERMANY.

Inventor : 1. MICHAEL HUBER.
2. PETER STAMPKA.
3. DR. GERHARD SCHRAUD.
4. DR. PETER STRIEGEL.
5. HANS-GEROG MENSCH.

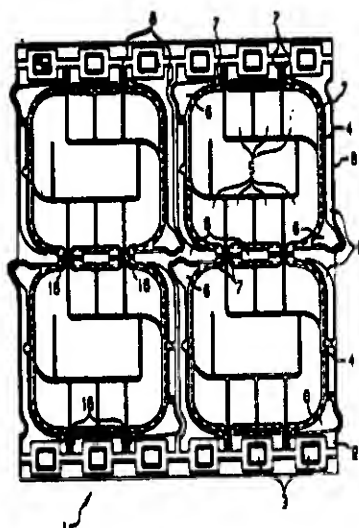
194037

Application no 2370/CAL/1997 FILED ON 15.12.1997
(CONVENTION NO.19653623.5 FILED ON 20.12.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

4 CLAIMS.

Non-conductive substrate forming a strip or a panel on which a multiplicity of carrier elements is formed, especially for assembly in a chip card, is developed, wherein the one side of the substrate (2) is provided with conductive contact surfaces (6), which remains within an external contour (profile) line (4) determining the size of a carrier element is, characterized in that, the other side of the substrate (2) is provided with conductor structures (9, 10, 11, 14, 15,) which within the external contour line (4) build at least contact areas (11) for at the least one spool to be contacted and at least a semi conductor chip and that beyond each external contour line (4) clearances (13) are in the substrate (2), through which for the purpose of testing an access to the spool connections of the semi conductor chip from the contact surface side is possible, so long the carrier element is still in the band or in the use.



Complete Specification : 13 pages.

Drawing : 2 sheets

Int. Cl. ⁷ : B61L -19/00, 7/08, 21/00

Ind. Cl : 159 E

Title : DEVICE FOR FAIL SAFE CONTROLLING AND MONITORING
ELECTRIC LOADS IN RAIL TRANSPORT

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF
WITTELSBACHERPLATZ 2, 80333 , MUNCHEN, GERMANY

Inventor : 1. JOACHIM MEIER.
2. JURGEN KLAUS.

194038

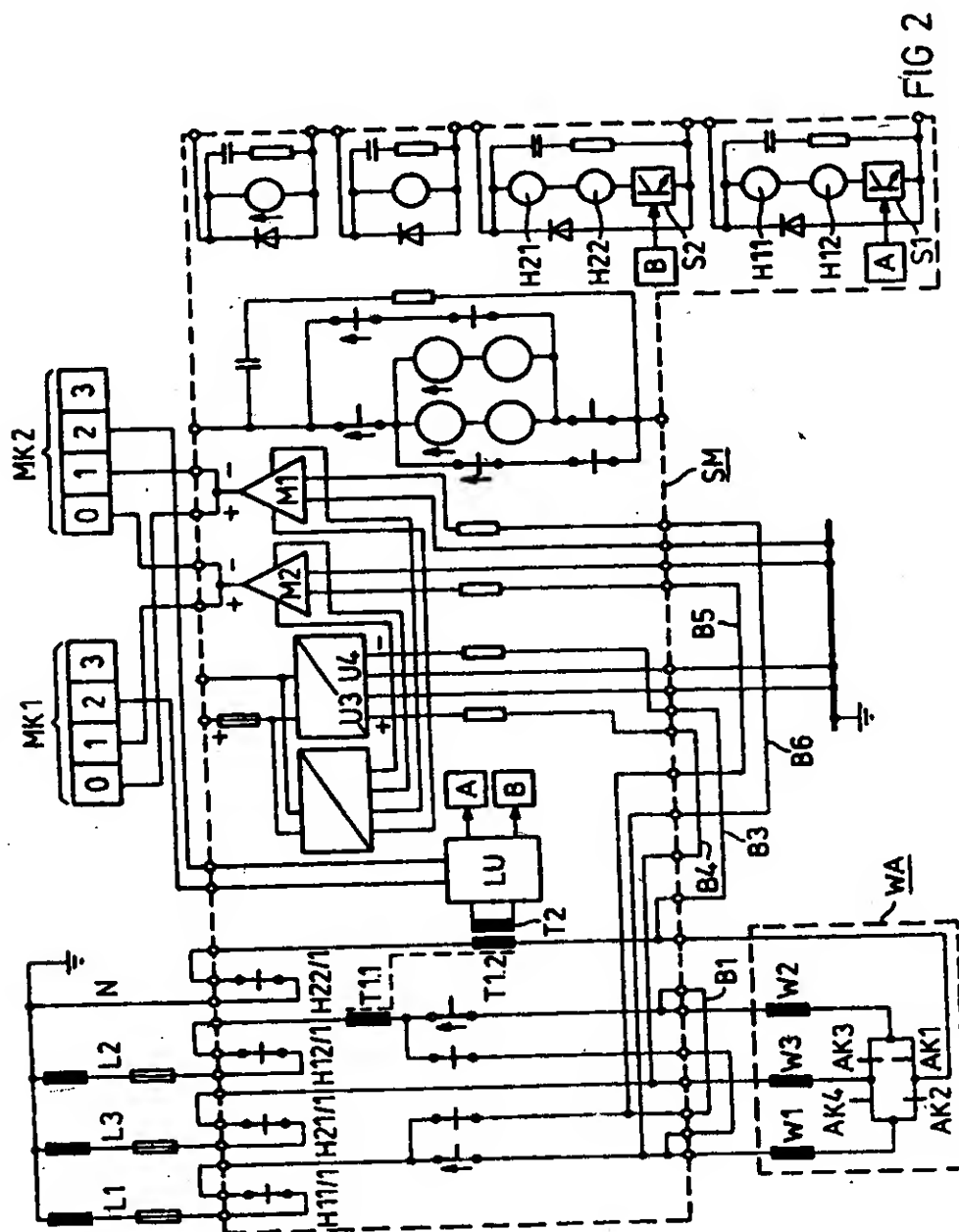
Application no 237/CAL/1997 FILED ON 11.02.1997
(CONVENTION NO. 19606894.0 FILED ON 13.2.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

10 CLAIMS.

Device for fail safe controlling and monitoring electric loads in rail transport, in rail transport, characterized in that

- a) each load circuit has at least two series-connected switches (S0/1, S0/2, S1/1; H11/1, H21/1; H12/1, H22/1), which can be controlled independently, of one for opening/closing the circuit .
- b) the two switches can be controlled by independent computer channels of a reliable computer system,
- c) each wire of the circuit contains one of the two switches.
- d) At least one detector (FD; M1, M2) is provided for detecting a test voltage which is derived from a supply or test current flowing via the load (LG, LR; WA), or is connected at least indirectly by the load, and is dependent on the operating state of the load.
- e) A switch closed or opened at the wrong time changes the test voltage in a marked way as against the test voltage set up given a proper switch position.
- f) The detector output signals are evaluated by the two computer channels of the reliable computer system, and the computer system detects a wrongly times open\closed state of at least one of the switches from the occurrence of detector output signals not currently expected.



Complete Specification : pages.

Drawing : sheets

Int. Cl.⁷ : G06F 13/42 H04L 7/00 194039
Ind. Cl. : 187H
Title : SYSTEM FOR PROTECTING ELECTRONICALLY PUBLISHED DOCUMENTS
WITH A LOCAL COMPUTER SYSTEM AND A METHOD OF PROTECTED
REPRESENTATION OF ELECTRONICALLY PUBLISHED DOCUMENT.
Applicant : DR. ERLAND WITTKOTTER, OF SCHONHALDESTASSE 21, CH-8272,
ERMATINGEN, SWITZERLAND.
Inventor : DR. ERLAND WITTKOTTER

Application No. 1119/CAL/1997 FILED ON 13.06.1997

(CONVENTION NO. 19623868.4 AND 19634712.2 FILED ON 14.6.1996 AND 28.08.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

17 CLAIMS.

System for protecting electronically published documents with a local computer system (14) which can be connected locally by way of a data transmission network (10), to an external data source (12) and which is adapted to call up, execute, and/or output the electronically published documents, wherein the local computer system (14) comprises local data storage means (18) which is adapted for the storage of data of the electronically published document in a form which is not usable for a user, wherein the local computer system (14) further comprises means (24) for receiving and processing additional protection data provided by the external data source (12) by way of the data transmission network (10), as well as a linking means (26) which is adapted to link a storage content of the local data storage means (18) with the additional protection data and to produce the electronically published document therefrom in a form usable, meaningful and/or suitable for sensory perception by the user, wherein the local computer system comprises output means (20) selected in accordance with the type of the document to be electronically published, adapted to call up, execute and/or output the document in the form usable, meaningful and/or suitable for sensory perception by the user, wherein the local data storage means (18) is adapted to store the electronically published document in a non-reconstructed, in particular a non-linear form, wherein the non-reconstructed can be converted into a reconstructed linear document which is usable by the user by the action of the linking means (26), utilising the additional protection data, and wherein the local computer system (14) is adapted to operate such that a local storage of the produced document in the form usable, meaningful, and/or suitable for sensory perception is not possible, and a readability and usability of the produced document is dependent, in each session, on an online, or at least one temporary online, authenticated contact between the local computer system (14) and the external data source (12) via the data transmission network (10).

Complete Specification : 42 pages.

Drawing : 3 sheets

Int. Cl. : B65D 65/00

194040

Ind. Cl : 143 D3

Title : A WRAPAROUND TYPE ARTICLE CARRIER WITH KEEL STRUCTURE.

Applicant : THE MEAD CORPORATION OF OHIO COURTHOUSE PLAZA
NORTHEAST DAYTON OHIO, 45463, USA

Inventor : ROANLD A. BAXTER.

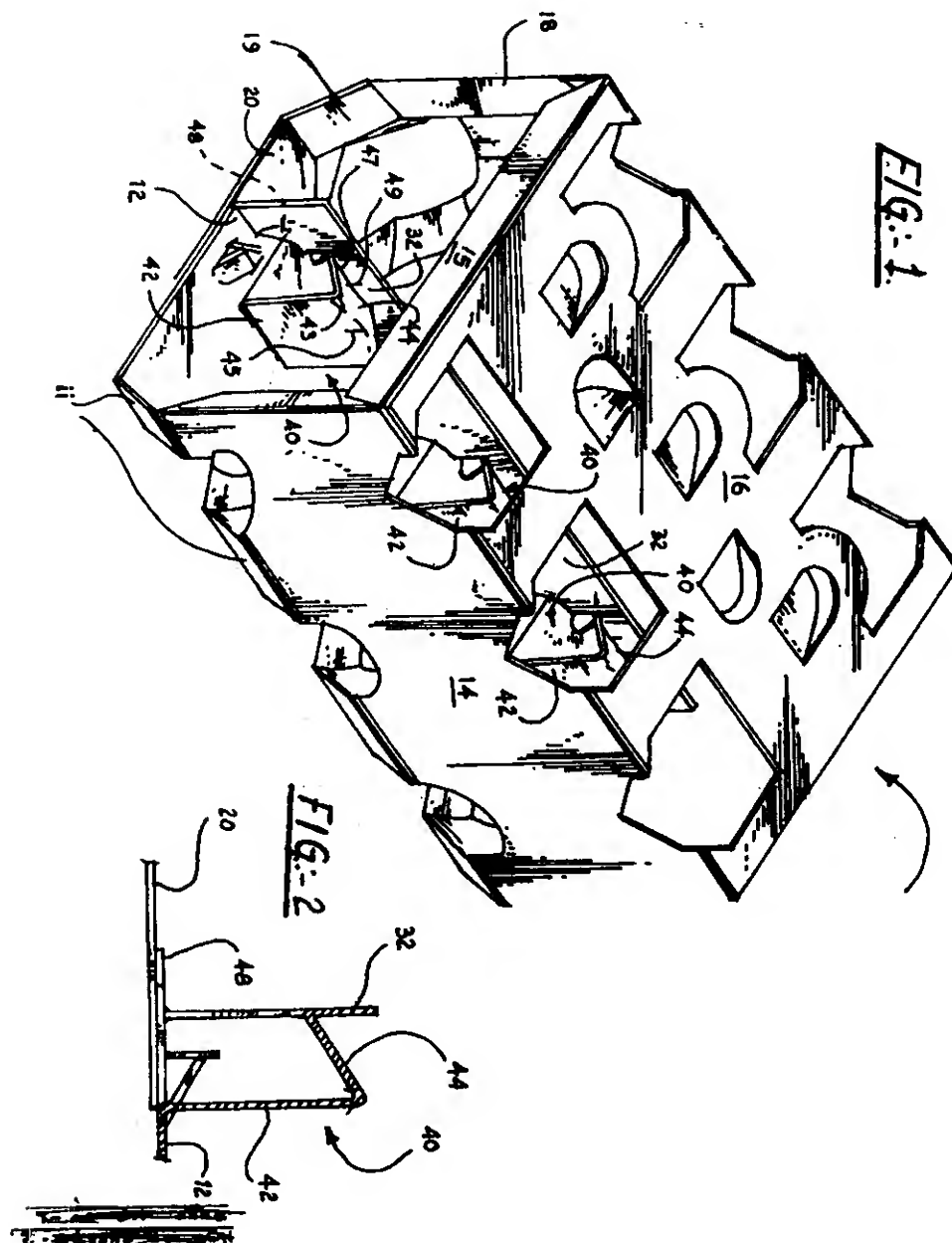
Application no 907/CAL/1996 FILED ON 20.5.1996
(CONVENTION NO. 08/465,852 FILED ON 06.06.1995 IN USA)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

9CLAIMS.

A wraparound type article carrier with keel structure characterised in that the keel structure comprising:

at least one keel element(40) for separating one of the rows of articles from another, each keel element having spaced upstanding panels(32,42) against which an article abuts, said upstanding panels spaced apart and interconnected by a platform(44) having curved edges(47,43) extending toward one another which permit adjacent portions of each of said upstanding panels to be flexed inwardly toward the other of said upstanding panels to receive a wall portion of one of the articles, and wherein a first height at which said platform is interconnected to one of said upstanding panels above a base(20) of the article carrier is greater than a second height at which said platform is interconnected to the other of said upstanding panels above said base of the article carrier(10).



Complete Specification : 7 pages. Drawing : 2 sheets

Int. Cl. : F24C 15/34

194041

Ind. Cl : 28C

Title : BURNER SYSTEM FOR A GAS RANGE TOP

Applicant : HERBERT BENNETT OF 12205, FLATLANDS AVENUE, APT. 5L,
BROOKLYN, NEW YORK 11207, U.S.A

Inventor : HERBERT BENNETT

Application no 691/CAL/1998 FILED ON 21.4.1998
(CONVENTION NO. 08/843,818 FILED ON 21.4.1997 IN USA.)APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.**9CLAIMS.**

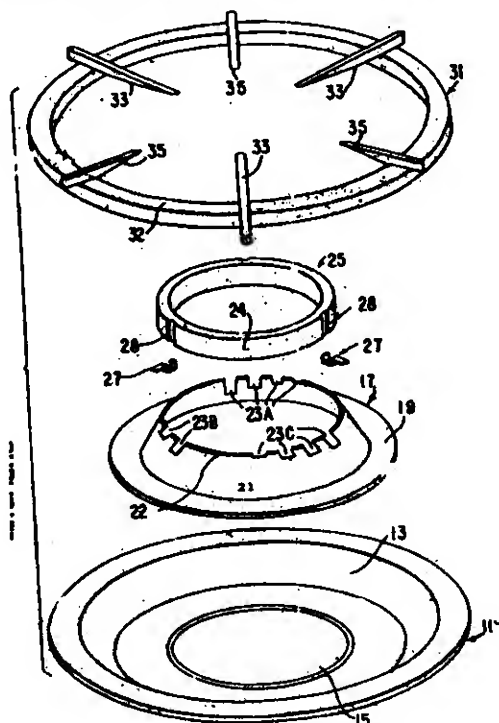
A burner system for gas range top comprising

A metal pan through which a gas flame selectively projects;-

A metal grill or grate for selectively overlying the pan on which the bottom of a cooking utensil may be selectively supported;

A ring situated underneath said grill and disposed above said pan for directing said gas flame upwardly toward said utensil bottom and insulating said flame in order to substantially reduce the loss of heat generated thereby;

And an outer supporting metal ring seated on said pan for selectively adjusting the height of said ring above said pan in order to accommodate various size grills, said ring comprising an annular base with an upwardly depending annular flange on which said insulating ring is supported



Complete Specification : 9 pages.

Drawing : 3 sheets

Int. Cl. ⁷ : D01H 9/02

Ind. Cl : 172D2(XX)

Title : A DEVICE FOR REMOVING BOBBINS FROM FLYER SPINNING FRAMES IN JUTE INDUSTRY

Applicant : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION 17, TARATOLA ROAD, CALCUTTA – 700 088, INDIA

Inventor : 1. AMALENDU SARKAR.
2. UTPALENDU DUTTA

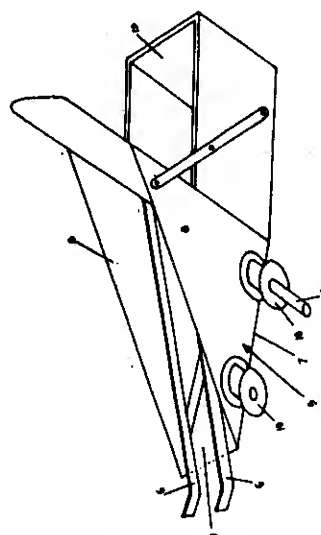
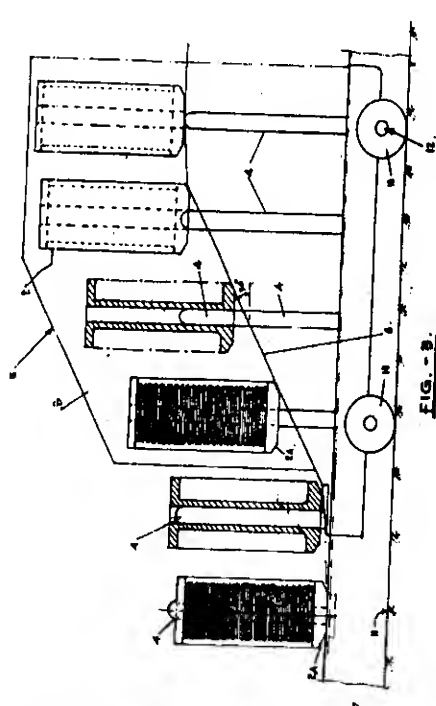
194042

Application no 2211/CAL/1998 FILED ON 23.12.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

3CLAIMS.

A device for removing bobbin from flyer spinning frame in jute industry wherein a carriage(5) comprises:
a pair of parallel guide plates(6), with a gap(9) inbetween, for lifting bobbins(2) out of the spindles(4);
said guide plates(6) are fitted to two parallel side walls(8);
under surface of the said carriage(5) is provided with rollers(10) and a handle(12) attached to the shaft of the roller for moving the said carriage over rails(11) which is provided in the flyer spinning frame; and
a basket(13) for collectin9 the bobbins.



Complete Specification : 7 pages.

Drawing : 5 sheets

Int. Cl. ⁷ : G02B 27/30 194043

Ind. Cl : 146 D

Title : A MULTI-STAGE COMBINED OPTICAL ISOLATING DEVICE
FOR TRANSMITTING UNI-DIRECTIONAL LIGHT SIGNALS.

Applicant : SAMSUNG ELECTRONICS CO. LTD, OF 416, MAETAON-DONG
PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF
KOREA

Inventor : 1. PARK KI-SOO
2. SUNG KI-SUK
3. YUN JAE-CHUN
4. TAE SANG-YEOUNG
5. SEO MAN-SOO

Application no 1937/CAL/1998 FILED ON 02.11.1998
(CONVENTION NO.17-31395 AND 97-60603 FILED ON 17.11.1997 IN REPUBLIC OF
KOREA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

7CLAIMS.

A multi-stage combined optical isolating device for transmitting uni- directional light signals comprising:

a first collimator, such as herein described; for collimating a ray emitted from a first optical fiber;

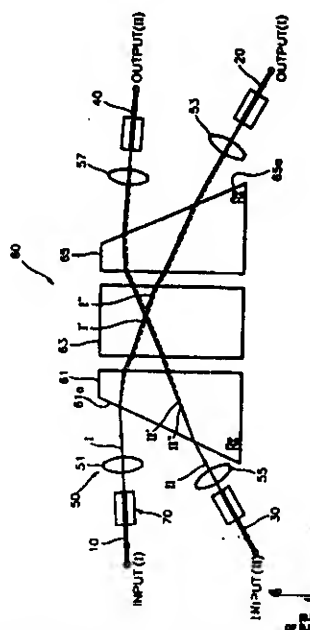
an optical isolator having a first polarizer, such as herein described, for birefringently transmitting an incident ray into an ordinary ray and an extraordinary ray, a Faraday rotator for rotationally transmitting the incident ray, and a second polarizer, such as herein described, for inversely transmitting the incident ordinary ray and extraordinary ray, sequentially disposed on an optical path;

a second collimator, such as herein described, for focusing the light transmitted through the second polarizer, such as herein described, onto a second optical fiber;

a third collimator, such as herein described, facing the light receiving plane of the first polarizer, such as herein described, and disposed at a position different from that of the first collimator, such as herein described, for focusing a ray emitted from a third optical fiber; and

a fourth collimator, such as herein described, facing the light emitting plane of the first

polarizer, such as herein described, and disposed at a position different from that of the second collimator, such as herein described, for focusing a ray emitted from the third collimator, such as herein described, via the optical isolator onto a fourth optical fiber.



Complete Specification : 13 pages.

Drawing : 1 sheets

Int. Cl. ⁷ : A47J 27/00 G01K 1/02
G01K 1/14M G01K 7/18

Ind. Cl : 99A

Title : A COOKING UTENSIL COMPRISING A HEATING SURFACE
A SENSOR FOR MEASURING THE TEMPERATURE
THEREOF AND A MEANS FOR DISPLAYING THIS
TEMPERATURE

Applicant : SEB S.A. OF LES 4M, CHEMIN DU PETIT BIOS, 69130, ECULLY
FRANCE.

Inventor : DAVID ADAMCZEWSKI

194044

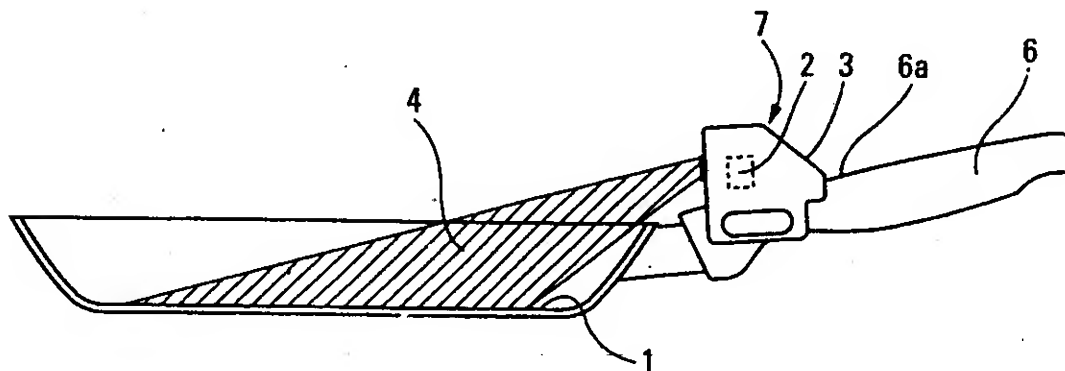
Application no 15/CAL/1997 FILED ON 11.01.1999
(CONVENTION NO. FILED ON 9800733 DATED ON 23.01.1998 IN FRANCE.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

11CLAIMS.

Cooking utensil comprising a heating surface (1), a sensor (2) for measuring the temperature of said heating surface (1) and means (3) for displaying this temperature, wherein said sensor (2) is an infrared sensor (2), said infrared sensor (2) being arranged at a location of said utensil such that it can receive infrared radiation (4) emitted by said

heating surface (1), said sensor (2) being connected to an electronic circuit (5) capable of converting the variation in the infrared radiation (4) caused by the heating of said utensil into an electrical signal.



Complete Specification : 8 pages.

Drawing : 2 sheets

Int. Cl. 7	:	A24B 15/24 3/14	194046
Ind. Cl	:	42A(2) 145(A) 145 (F)	
Title	:	A PROCESS FOR THE MANUFACTURE OF RECONSTITUTED TOBACCO	
Applicant	:	ITC . LIMITED, OF VIRGINIA HOUSE, 37 CHOWRINGHEE, CALCUTTA 700 071, INDIA	
Inventor	:	1. SANJAY VERMA. 2. DR. CHITTUR CHANDRASEKARAN LAKSHMANAN 3. AVIK SENCHAUDHURY.	
Application no	:	1444/CAL/1998 FILED ON 12.8.1998	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

3CLAIMS.

A process for the manufacture of reconstituted Tobacco Sheet having much reduced percentage of Nicotin, Sugars, and Chloride in the basic weight range 30-150 gm which consists the steps of :-

- a. Forming a slurry consisting of Tobacco wastes;
- b. Passing the slurry through synthetic or metal wire cloth and
- c. Pressing , sheet consolidation and drying by conventional methods.

Complete Specification :18 pages. Drawing : 1 sheet

Int. Cl. 7 : A01 C 3/00

194047

Ind. Cl : 5B

Title : A B5 MEDIUM CONTAINING BENZYLAMINOPURINE AND 3-INDOLE BUTYRIC ACID

Applicant : SUMITOMO FORESTRY CO. LTD OF 7-28, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, JAPAN

Inventor : 1. KENTARO NAKAMURA.
2. RYO SODA

Application no 2069/CAL/1997 FILED ON 03.11.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

11 CLAIMS.

A B5 medium containing 0.02 to 1.0 mg/l of bezylaminopurine (BAP) or not more than 0.02 mg/l of 3-indole butyric acid (IBA) together with 0.02 to 1.0 mg/l of BAP, or its modified medium which is used as multiple shoots-inducing medium for culturing terminal buds or axillary buds of trees of genus Swietenia thereby to induce multiple shoots having a large number of definite buds and/or adventitious buds.

Complete Specification : 23 pages.

Drawing : NIL

Int. Cl. ⁷ : G01P 3/495

194048

Ind. Cl : 126C

Title : EDDY CURRENT MEASURING DEVICE

Applicant : MANNESMANN VDO AG, OF KRUPPSTRASSE 105, D-60388
, FRANKFURT, GERMANY

Inventor : KLAUS-JURGEN NEIDHARDT

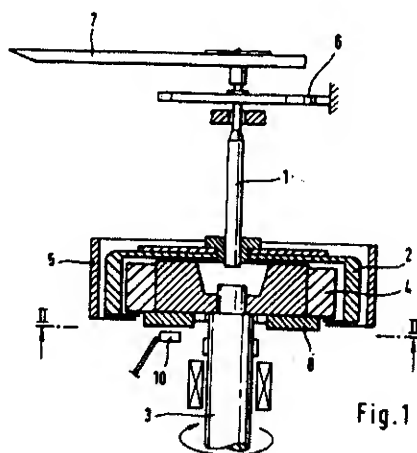
Application no 230/CAL/1997 FILED ON 05.12.1997

(CONVENTION NO.19652082.7 FILED ON 14.12.196 IN GERMANY)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

6CLAIMS.

Eddy current measuring device, in particular for a speed indicator, with a radially magnetized first permanent magnet (4) attached to a drive shaft (3) such that it cannot be rotated and a bell-shaped eddy current body (2) made of an electrically conductive material, extending over the first permanent magnet (4) and installed such that it cannot be rotated on an indicator shaft as well as a Hall element (10-12) for measurement of the revolutions per unit of time (rpm) of the drive shaft (3). characterized in that a ring shaped second permanent magnet (8) is disposed around said radially magnetized first permanent magnet (4) to excite the Hall element (10-12).



Complete Specification : 10 pages.

Drawing : 2 sheets

Int. Cl. ⁷ : A61F 13/15, 14/473 13/475

194049

Ind. Cl : 128(A)

Title : SANITARY NAPKIN

Applicant : UNI-CHARM CORPORATION OF 182, SHIMONBUN, KINSEI-CHO, KAWANOE-SHI, EHIME-KEN, JAPAN

Inventor : MIZUTANI SATOSHI

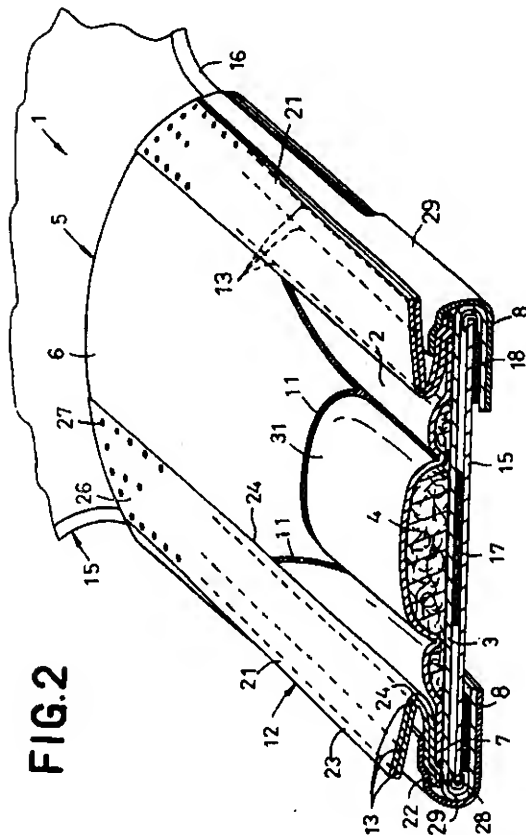
Application no 859/CAL/1999 FILED ON 25.10.1999
(CONVENTION NO. 10-309926 FILED ON 30.10.1998 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

13 CLAIMS.

A sanitary napkin (1) comprising a base member (5) and a pair of barrier flaps (12), said base member (5) formed from a liquid pervious topsheet (2), a liquid impervious backsheet (3), a liquid absorbent core (4) made of at least fibrous materials disposed between said topsheet (2) and said backsheet (3) and having a pair of transversely opposite outer side portions (7) extending in a longitudinal direction of said napkin (1) and a pair of longitudinally opposite end portions (6) extending in a transverse direction of said napkin (1) and said pair of barrier flaps (12) being formed on an upper surface of said transversely opposite outer side portions (7) between said pair of longitudinally opposite end portions (6), characterized in that:
said napkin comprises a pair of wings (8) extending laterally from longitudinal middle zones of said transversely opposite outer side portions (7) and having an undergarment facing surface onto which adhesive agent is applied and a groove (11) formed on said base member (5) so as to surround a central zone (31) of said base member (5), said central zone (31) is significantly protuberant relatively to a surrounding zone thereof, each of said barrier flaps (12) has a fixed edge portion (22) extending in said longitudinal direction, a free edge portion (23) extending in said longitudinal direction and a pair of longitudinally opposite end portions (26) between said fixed and free edge portions (22,23) and each of said barrier flaps (12) is fixed on the upper surface of said base member (5) only at the fixed edge portion (22) and the longitudinally opposite end portions (26) of the barrier flap (12), the opposite end portions (26) of

said barrier flaps (12) are fixed flatly against the upper surface of the base member (5) across an entire width of each of said barrier flaps (12) said free edge portion (23) of each of said barrier flaps (12) is stretchable outward transversely of said base member (5) when worn by the wearer.



Complete Specification : 18 pages.

Drawing : 5 sheets

Int. Cl. ⁷ : F16H 3/68

194050

Ind. Cl : 127D

Title : A COMPOUND CHANGE GEAR TRANSMISSION ASSEMBLY WITH REDUCED GEAR HOPOUT.

Applicant : EATON CORPORATION OF EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114-2584, USA

Inventor : BRIAN J. DUTSON

Application no 1139/CAL/1997 FILED ON 16.6.1997
(CONVENTION NO.9612778.2 FILED ON 19.6.1996 IN UK)

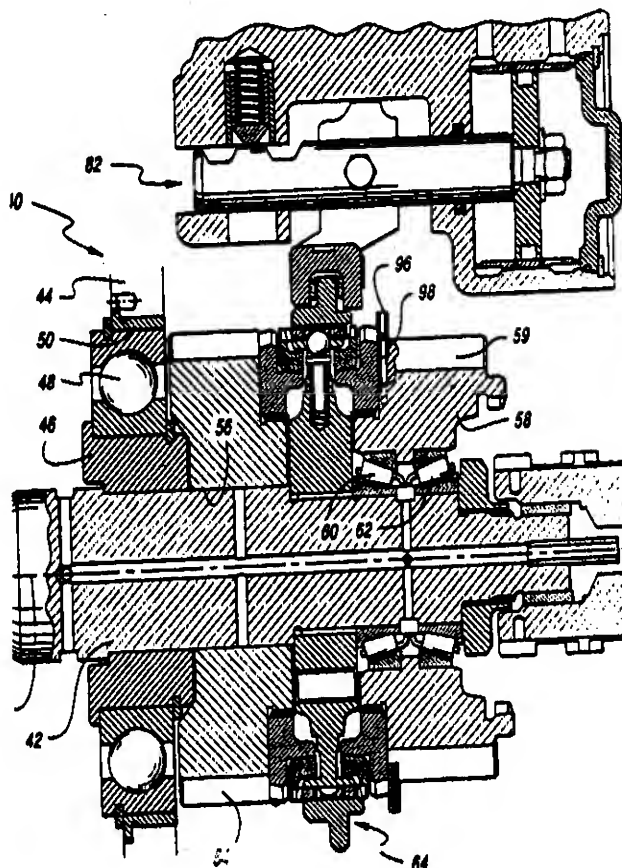
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

7CLAIMS.

1. A compound change gear transmission assembly (40), with reduced gear hopout, comprising:-

- an input shaft (42) disposed along a central axis (52);
- a floating mainshaft (30) disposed substantially along said central axis (52) adjacent said input shaft (42) and an auxiliary section (34) adjacent said mainshaft (30);
- at least one countershaft (18) parallel with and spaced from said central axis (52), said countershaft (18) being operative to transmit input shaft torque to the mainshaft (30) and to facilitate "power take off" (PTO) operation;
- a splitter gear (54) disposed on said input shaft (42) and having a central bore (56) formed therethrough with a minimal diametral clearance with respect to said input shaft (42) to minimize splitter gear tipping;
- a synchronizer (64) disposed about said input shaft (42) adjacent said splitter gear (54) and having a clutch spline (78);
- a pair of oppositely tapered roller bearing sets (60,62) disposed about said input shaft (42) adjacent said synchronizer (64);
- a headset gear (58) rotatably mounted on said pair of oppositely tapered roller bearing (60,62) sets for minimizing gear tipping during PTO operation; characterized in that

said synchronizer clutch spline (78) is selectively engageable with one of said splitter gear (54) and said headset gear (58); reducing the likelihood of gear hopout of said gear (54,58) with respect to the clutch spline (78) during PTO operation.



Complete Specification : 16 pages.

Drawing : 5 sheets

Int. Cl. ⁷ : H04B 1/74
Ind. Cl : 186 A
Title : METHOD FOR PARAMETERIZATION OF A RECEIVING STATION, AND AN ADAPTIVE FILTER FOR RECEIVING STATION.
Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333, MUNCHEN, GERMANY
Inventor : DR. LEO RADEMACHER
Application no 1705/CAL/1997 FILED ON 16.9.1997
(CONVENTION NO.19639414.7 FILED ON 25.9.1996 IN GERMANY.)

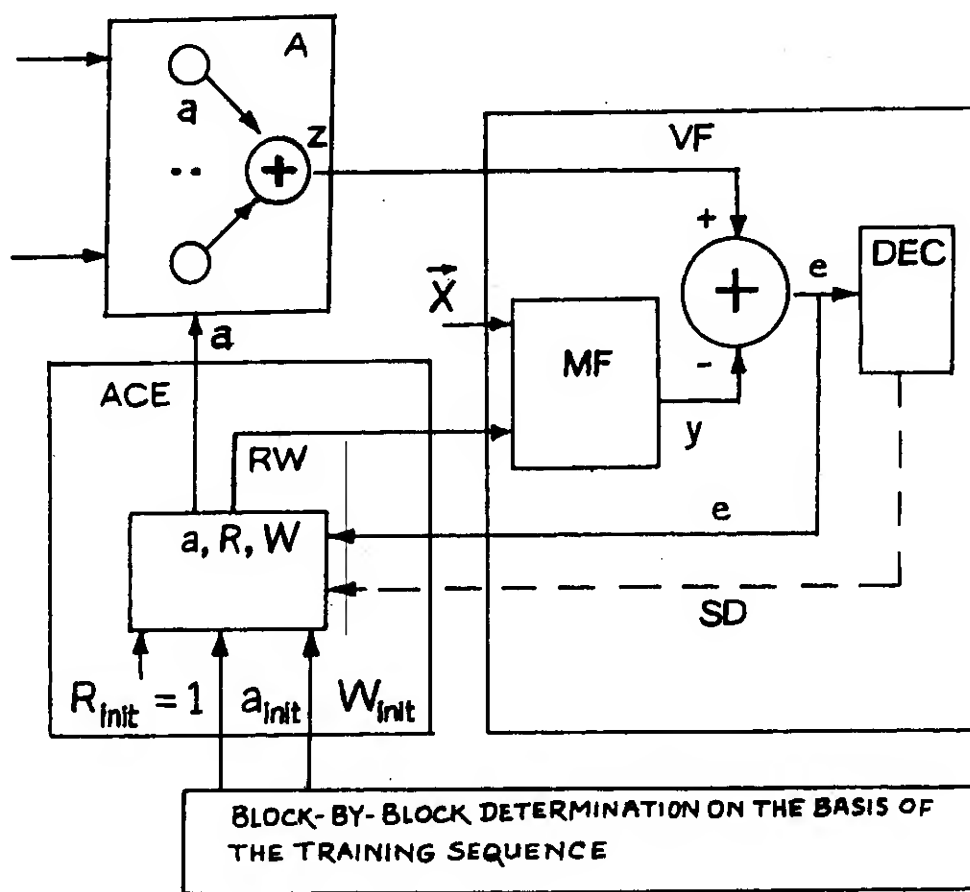
194057

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

17 CLAIMS.

A method for the parameterization of a receiving station (BS) comprising adaptive antenna devices (AE) for receiving received signals (es) via time-variant channels comprising the steps of :

- weighting the received signals (es) from at least two adaptive antenna devices (AE) with antenna coefficients (a) and combining the received signals (es) to form received data (z);
- determining error magnitudes (e) using a device for determining error magnitudes (e) from the comparison of received data (z) and reference data (y) which are modelling these received data (z) whereas channel coefficients (RW) are provided for modelling the reference data (y);
- supplying these error magnitudes (e) to a channel estimator (ACE);
- jointly determining channel coefficients (RW) and antenna coefficients (a) which are using the channel estimator (ACE); and minimizing the error magnitudes (e);
- providing the channel coefficients (RW) for detection of the received data (z) to be evaluated.



Complete Specification : 22 pages.

Drawing : 5 sheets

Int. Cl. ⁷ : A61M 25/02 A61M 5/00

Ind. Cl : 128K

Title : A METHOD OF PRODUCING A SECUREMENT BETWEEN
A CANNULA AND A CHAMBER STRUCTURE FOR A
CATHETER INSERTION DEVICE.

Applicant : JOHNSON & JOHNSON MEDICAL INC. OF 2500 ARBROOK
BLVD, ARLINGTON, TEXAS 76004, USA

Inventor : 1. DAVID L BOGERT
2. ZINO ALTMAN
3. THOMAS KOEHLER.

Application no 1570/CAL/1997 FILED ON 26.08.1997
(CONVENTION NO.08/703706 FILED ON 27.8.1996 IN USA.)

194058

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

38CLAIMS.

A method of producing a securement
between a cannula and a chamber structure for a
catheter insertion device; said method comprising:

(a) arranging an elongated cannula in fixed
sealed position to extend through an axial central
through-bore in an extruded plastic cylindrical
member, a major length of said cannula projecting from
a first end of said cylindrical member and terminating
in a sharp point to facilitate insertion thereof into
the body of a patient, and a shorter length of said
cannula protruding from the opposite end of said
cylindrical member;

(b) and a chamber structure having an
opening at one end thereof; possessing of a diameter in
close conformance with the outer diameter of said
cylindrical member being fastened to said cylindrical
member by extending at least a portion of the axial
length of said cylindrical member into said chamber
structure in press-fitted sealing engagement
therewith.

Complete Specification : 26 pages.

Drawing : 2 sheets

Int. Cl. ⁷ : D21C9/16, D06L 3/10 194059

Ind. Cl : 62A2

Title : AN IMPROVED PROCESS OF PRODUCING BRIGHT
LIGHT FAST DEHAIRD AND EASILY DYEABLE JUTE
FABRICS BY BLEACHING

Applicant : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION OF 17,
TARATOLA ROAD, CALCUTTA- 700 088, WEST BENGAL,
INDIA

Inventor : 1. MR. ASIT BARAN KUNDU
2. MR. BIJOY SANKAR GHOSH.
3. MR. SAIBAL SANYAL.
4. MR. DEBABRATA ADHIKARI.

Application no 1044/CAL/1998 FILED ON 12.06.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.

16CLAIMS.

An improved process of producing bright light fast
dehaired and easily dyeable jute fabrics by bleaching which
comprises -

- a) washing the fabrics with soap solution to remove
the adhering dirt and then with cold water to remove
the excess soap.
- b) treating the clean jute fabrics of step (a) with
Potassium Permanganate and Sulphuric acid at least for
half an hour under controlled condition to remove the
preliminary yellowness to a certain extent and to
modify the surface of the fibre by oxidation of surface
lignin.
- c) washing with cold water till the wash liquor is
non-acidic and then with oxalic acid solution to
remove the last traces of Mn^{+2} ion from the fibre and
then final washing with cold water before bleaching.
- d) bleaching with hydrogen peroxide in presence of
metasilicate and sodium carbonate neutralised diethylene-
triethyl-pentamethylene phosphonic acid (D.T.P.M.P.A)
till the bleaching is completed.
- e) washing the bleached fabric with hot water and then
with acidified water containing acetic acid.

Complete Specification : 29 pages.

Drawing : 3 sheets

Int. Cl : B65D 81/17

194060

Ind. Cl : 179

Title : DRINKS CAN

Applicant : MICHAEL N. CGAN OF MAYOR 62, E-07144 COSTIX,
BALEARES, SPAIN

Inventor : MICHAEL N. CGAN

Application no 221/CAL/1998 FILED ON 11.2.1998

(CONVENTION NO.19704/12.5 FILED ON 17.2.1997 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES
2003) PATENT OFFICE KOLKATA.*

21CLAIMS.

A drink can comprising:

a lid (1) fastened to a cylindrical can body (2) by a flanged rim (3);

said lid having an off-center opening (4) and a closure cap (8) that covers over the entire lid (1) and is mounted on the flanged rim (3) in a rotatable but non-removable fashion, by a fixed marginal bead (9);

the opening (4) in the lid (1) being surrounded by an annular bead (5) having essentially conical bead flanks (6,7);

the closure cap (8) having an off-center opening (12) that can be brought into alignment with the opening (4) in the lid (1);

the closure cap (8) having at least one off-center annular bead (13) that is directed towards the lid (1) and having essentially conical bead flanks (14,15) surrounding a sealing ring (16,26) and projecting with respect to the latter in the direction of the lid (1);

given an appropriate rotational position of the closure cap (8), the sealing ring (16,26) rests in a leaktight manner and under pretension on the apex of the annular bead (5) that surrounds the opening (4) in the lid (1);

in the event of only one annular bead (5) being constructed, one annular bead (5) surrounds the sealing ring (16) and a closed region placed within the sealing

ring (16), and, in the closed position of the closure cap (8), the sealing ring (16) rests in a leak-tight manner and under pretension on the apex of the annular bead (5) that surrounds the opening (4) in the lid (1);

in the central region of the closure cap (8) there is constructed a latching cam (28) that engages in a latching hollow (29) in the lid (1); and

when the closure cap (8) is rotated, the latching cam (28) cooperates with the latching hollow (29) and, in so doing, moves an inner region of the closure cap (8) that is surrounded by the fixed marginal bead into a position in which the inner region is resiliently bowed outwards and in which the sealing ring (16) comes free from the annular bead (5) that surrounds the lid opening (4).

Complete Specification : 29 pages.

Drawing : 7 sheets

CLAIMS U/S 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under section 20(1) of the Patents Act, 1970, the application No. 805/MAS/95 dated 30/06/1995 filed by INTERNATIONAL BUSINESS MACHINES CORPORATION of New Orchard Road, Armonk, New York 10504, USA has been allowed to proceed in the name of HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B V, of Locatellikade 1, Parnassustoren 1076 A Z Amsterdam, The Netherlands.

NOTIFICATION UNDER SECTION 60

Patent No. 184960 was ceased on 08-07-2003 due to no payment of renewal fee where as the patentee DONALD DOUGLAS HICKEY has made an application under section 60 of the Patent act 1970 for restoration of said patent.

Any interested person may give notice of opposition to the restoration by leaving a notice of Form-14 in duplicate, with the Controller of Patents. The Patent Office, Delhi Branch, W-5 West Patel Nagar, New Delhi-110 008 Under Rule 85 of the Patent (Amendment) Rules, 2003. A written statement, in triplicate, setting out the nature of the opposition interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of advertisement of the notice in the official Gazette.

PATENT SEALED ON 13-08-2004/KOLKATA

183650 187328 188205 188643 191991 191992 191995 191996 191997 191998 191999 192000 192021
192022 192023 192024 192025 192026 192093 192310

KOLKATA-19, DELHI-01





PATENT SEALED ON 30-07-2004 (DELHI)






191423 191428 191452 191455 191456 191457 191485 191489 191494 191498 191500 191510 191512
191520 191571 191572 191601 191607 191628 191633 191636 191637 191638 191639 191655 191658
191667 191702 191748 191823






REGISTRATION OF DESIGNS


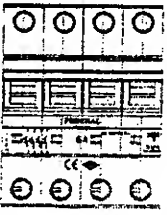



The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)



The dates shown in the following each entry is the date of registration.

Class	09-01	No.192705 HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "BOTTLE" 31.01.2003 (RECIPROCITY, U.S.A.)	
Class	09-01	No.192704. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "BOTTLE" 31.01.2003 (RECIPROCITY, U.S.A.)	
Class	08-08	No.194418 DARSHANA INDUSTRIES PVT. LTD., AT 63, INDUSTRIAL ESTATE, HADAPSAR, PUNE-411 013, MAHARASHTRA, INDIA. "FLEXIBLE MOUNTING" 27.01.2004	
Class	08-08	No. 194415 DARSHANA INDUSTRIES PVT. LTD., AT 63, INDUSTRIAL ESTATE, HADAPSAR, PUNE-411 013, MAHARASHTRA, INDIA. "FLEXIBLE MOUNTING" 27.01.2004	

Class	08-08	No. 194416 DARSHANA INDUSTRIES PVT. LTD., AT 63, INDUSTRIAL ESTATE, HADAPSAR, PUNE-411 013, MAHARASHTRA, INDIA. "FLEXIBLE MOUNTING" 27.01.2004	
Class	24-02	No.193707 POWDERJECT RESEARCH LIMITED OF 4 ROBERT ROBINSON AVENUE, THE OXFORD SCIENCE PARK, OXFORD, OX4 4GA, UNITED KINGDOM, "NEEDLELESS SYRINGE" 31.10.2003 (RECIPROCITY, EUROPEAN COMMUNITY).	
Class	06-01	No.194459 NILKAMAL PLASTICS LTD., OF SURVEY NO.-354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & N.H.), (U.T.), INDIA, "CHAIR" 06.02.2004	
Class	09-05	No.194246 M/S. HINDUSTAN DAIRY & FARM, "SURAVI HOUSE", 2, AIRPORT GATE, KOLKATA-700081, WEST BENGAL, INDIA. "SACHET" 12.01.2004	
Class	09-01	No.194071 ESSAR INC., OF "SUBANU", NO.10, SIRKALI CROSS ROAD, SENTHANGUDI, MAYILADUTURAI 609 001, T.N., INDIA. "JAR" 23.12.2003	

Class	07-01	No.193052. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 TH FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	13-03	No.193240. FEDERAL ELEKTRİK YATIRIM VE TİCARET ANONİM ŞİRKETİ, , OF 1, ORGANİZE SANAYİ BÖLGESİ HANLI BELDESİ-SAKARYA/TURKEY. "CONDUCTOR" 15.09.2003.	
Class	13-03	No.193238. FEDERAL ELEKTRİK YATIRIM VE TİCARET ANONİM ŞİRKETİ, , OF 1, ORGANİZE SANAYİ BÖLGESİ HANLI BELDESİ-SAKARYA/TURKEY. "CONDUCTOR" 15.09.2003.	
Class	13-03	No.193235. FEDERAL ELEKTRİK YATIRIM VE TİCARET ANONİM ŞİRKETİ, , OF 1, ORGANİZE SANAYİ BÖLGESİ HANLI BELDESİ-SAKARYA/TURKEY. "AUTOMATIC FUSE" 15.09.2003.	
Class	13-03	No.193232. FEDERAL ELEKTRİK YATIRIM VE TİCARET ANONİM ŞİRKETİ, , OF 1, ORGANİZE SANAYİ BÖLGESİ HANLI BELDESİ-SAKARYA/TURKEY. "SWITCH" 15.09.2003.	

Class	13-03	No.193233. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, , OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "THERMIC RELAYS" 15.09.2003.	
Class	13-03	No.193234. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, , OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "AUTOMATIC FUSE" 15.09.2003.	
Class	07-01	No.193065. LA OPALA RG LTD., AN INDIAN COMPANY OF "CHITRAKOOT", 10 TH FLOOR, 230A, A.J.C. BOSE ROAD, KOLKATA-700020, INDIA. "PLATE" 01.09.2003	
Class	09-01	No.193089. PREM MARKETING, INDIAN PROPRIETARY FIRM, 3, BHASKAR SMRUTI, FRIER BRIDGE, LOW LEVEL SOUTH, NANA CHOWK, GRANT ROAD, (WEST), MUMBAI-400007, MAHARASHTRA, INDIA. "PET JAR" 02.09.2003	
Class	09-03	No.193155. M/S. ANAND AGENCY, INDIAN NATIONAL, 4, NAYAPURA, INDORE, MADHYA PRADESH, INDIA "CONTAINER/CUP". 09.09.2003.	

Class	18-04	No.193088. "HARBHAJAN SINGH & CO. ADDRESS IS 305-INDUSTRIAL FOCAL POINT, MEHTA ROAD, AMRITSAR (PUNJAB) INDIA. "LOOP STITCHING MACHINE" 02.09.2003	
Class	09-01	No.193016. SNS DETERGENTS PRIVATE LIMITED, AT 3GA, GLEN MORE APARTMENTS, SRI RAM NAGAR NORTH STREET, ALWARPET, CHENNAI: -600 018, T.N., INDIA. "CONTAINER" 27.08.2003.	

S. CHANDRASEKARAN
Controller General of Patents, Designs & Trade Marks